

Commencement Today

MIT's
Oldest and Largest
Newspaper



The Weather

Today: Partly cloudy, 66°F (19°C)
Tonight: Partly cloudy, 54°F (12°C)
Tomorrow: Cloudy, 70°F (21°C)
Details, Page 2

Volume 117, Number 27

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Friday, June 6, 1997



Peter D. Bedrosian prepares diplomas for today's ceremonies.

2,035 to Graduate At Killian Today

By Carina Fung
ASSOCIATE NEWS EDITOR

MIT will hold its 131st commencement today in Killian Court, presenting 2,035 seniors and graduate students some 2,280 degrees from MIT's five schools and 21 academic departments. About 8,000 relatives and guests are expected to attend the exercises.

United Nations Secretary-General Kofi A. Annan MS '72 will be the guest speaker at the proceedings. Annan, who was appointed to a five-year term as secretary-general beginning Jan. 1, received a master's degree in management from the Sloan School of Management in 1972. Annan played a key role in resolving several world crises during his 30-year UN career.

"Mr. Annan's international perspective is particularly apt as MIT expands its activities with universities, governments, and industries in many parts of the world to use technology and development as a means of improving global well-being," said President Charles M. Vest. "We want not only to advance technologies but to prepare our students to work effectively in this new global workplace," he said.

Gray leads last commencement

Outgoing Chairman of the Corporation Paul E. Gray '54 will preside over his final commencement today before stepping down. Gray, who was Chancellor of MIT

Commencement, Page 13

Baltimore to Become President of Caltech

By Stacey E. Blau
OPINION EDITOR

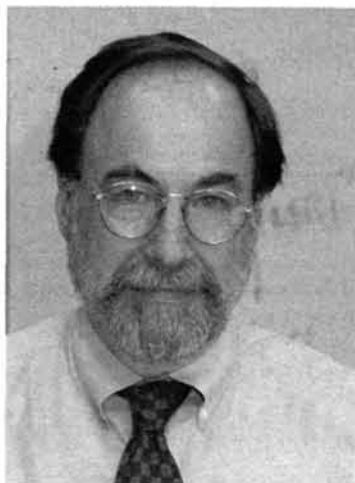
Institute Professor David Baltimore '61 will head to the California Institute of Technology this fall to become the school's next president.

Baltimore — a Nobel laureate and pioneering biomedical researcher as well as a prominent public figure on national scientific issues — accepted the appointment to Caltech's presidency on May 13.

"Caltech is such a remarkable institution," Baltimore said. But he said that the decision to accept the appointment and leave MIT was a difficult one. "MIT has been extremely good to me," he said.

Baltimore leaves a long and distinguished career at MIT. With few interruptions, he has spent over three decades here, first as a graduate student from 1960 to 1961 and later as a postdoctoral research associate. He returned to MIT in 1968 as junior member of the faculty and, save a few years, has been here ever since.

Baltimore was the founding director of MIT's Whitehead Institute for Biomedical Research — one of the foremost facilities of its kind in the world — heading it from 1982 to 1990. In 1995, he was named an Institute professor, a select title given to only a handful of professors in recognition of their achievements.



David Baltimore '61

"Simply put, David Baltimore is one of the most outstanding living scientists," said President Charles M. Vest. "We will miss having his intellectual leadership, research activities, and teaching centered on the MIT campus."

"David's contributions to MIT are too numerous to list," said said Chair of the Department of Biology and Professor of Biology Phillip A. Sharp. "MIT will miss his creative leadership and warm personality."

Baltimore's prominence as a researcher and his outspokenness on scientific policy issues has given

Baltimore, Page 25

Woman Assaulted in Student Center Bathroom, Police Search for Suspect

By Daniel C. Stevenson
and Dan McGuire
STAFF REPORTERS

Crime struck the heart of the MIT campus Monday evening when a female student was mugged in the Student Center and robbed of more than \$300 worth of money and jewelry.

Shang-Lin Chuang '98 was assaulted just after 9 p.m. by a man hiding in the women's bathroom in the Student Center basement who threatened her with a hidden weapon. The robber fled the scene when another woman entered the bathroom and Chuang yelled for help.

The Campus Police is continuing to pursue leads, but no suspects have been identified or arrested.

Police have good leads

Immediately after the incident the Campus Police searched the area around the Student Center but could

not find the robber.

Chuang described her attacker as an African American male of medium build, 5'5" tall, with a round face and dark skin. He was wearing a green sweatshirt, blue jeans, and black shoes.

"We have some good leads," said Chief of Campus Police Anne P. Glavin. A man recently arrested by the CPs matches the description, she said.

Chuang said that the police contacted her for more information as they continued their investigation. She was asked to look at a set of photos of suspects on Wednesday evening but said that she did not see the robber among the pictures. The Campus Police are circulating a composite picture, based on Chuang's recollection of the robber.

'Very unusual' crime

Chief of Campus Police Anne P.

Glavin called the robbery "very unusual."

"As a whole, the Student Center is not a dangerous place," Glavin said. However, like any other building on campus, it is close to the cities of Cambridge and Boston and is affected by the same problems that any urban area faces, she said.

However, "in general, our serious crime statistics are not high," Glavin said. The most recent armed robbery was in September. Generally, MIT has one or two such robberies a year (see sidebar, p. 22).

"It's really unusual for someone to go into one of our buildings," especially the Student Center, Glavin said. The Student Center is a significant security concern because it is very open to the public for the various businesses, Glavin said.

The restroom where the attack

Robbery, Page 18

INSIDE

- Institute, departments give awards. Page 13-14
- ROTC team continues work. Page 18
- R/O 1997 to feature major changes. Page 19
- Annan has distinguished career. Page 21
- Alumni to gain lifetime e-mail. Page 23
- Senior, Tech weeks bring fun, lectures. Page 26



Institute Professor John M. Deutch '61 speaks about MIT and Washington. See article page 22.

WORLD & NATION

CIA Officer Sentenced for Spying

LOS ANGELES TIMES

WASHINGTON

The highest-ranking CIA officer ever caught spying for a foreign country was sentenced to more than 23 years in prison Thursday after confessing he sold out the United States for money to give his children a better life after the collapse of his tumultuous marriage.

Harold James Nicholson, a former CIA station chief overseas, appeared in federal court in Alexandria, Va., and apologized to his family for his actions. He added sorrowfully that he knows the CIA will never forgive him for his costly betrayal.

"I won't ask for the forgiveness of my colleagues and countrymen, for I know they cannot give it," Nicholson told U.S. District Judge James Cacheris. "I will ask for the forgiveness of my family and children because I know they will."

He insisted he agreed to spy for Russia in 1994 to make up to his children for years of long absences and for "failing to keep my marriage together." Nicholson added: "I am in so many ways so very sorry."

Cacheris rejected a request from Nicholson's attorney for a slightly lighter sentence, and instead approved the request of federal prosecutors that Nicholson be jailed for 23 years in a federal penitentiary. But Cacheris did agree to recommend that Nicholson serve his sentence on the West Coast, near his family in Oregon. Nicholson, 47, will be almost 70 when he becomes eligible for release.

Administration Urges High Court To Reject Affirmative Action Case

THE WASHINGTON POST

WASHINGTON

Shifting positions in a high-profile affirmative action case, the Clinton administration Thursday urged the Supreme Court not to take up the case of a New Jersey school board being sued for laying off a white teacher to keep a black teacher with equal qualifications.

The White House said it dropped its initial support for the school board strictly for tactical reasons, fearing it would lead to a defeat at the high court that would then become binding precedent for the entire nation. But it nonetheless puts Clinton in the awkward position of encouraging the high court to leave in place a ruling the administration doesn't agree with.

That ruling, by the Third U.S. Circuit Court of Appeals, found that employers cannot favor minorities simply to maintain racial diversity in the workplace.

David B. Rubin, a lawyer for the school board, said "We're disappointed. But we never relied on them (the administration) for help anyway. We can't say they are turning their back on us. But one can only wonder how they can write a brief that says the court 'incorrectly' decided a case, then say the Supreme Court cannot correct that."

Senate Panel Allows CIA Workers To Give Classified Info to Congress

THE WASHINGTON POST

WASHINGTON

The Senate Select Committee on Intelligence has approved legislation that would allow CIA and other federal employees to pass classified information to senators or House members without the approval of their bosses if the material exposes misstatements made to Congress, gross mismanagement or waste, fraud or abuse.

The measure runs counter to executive branch policy, which since the Reagan administration has prohibited federal employees from delivering classified material to legislators or congressional committees without first clearing such action with superiors.

The provision, in the fiscal 1998 intelligence authorization bill, would permit employees to give the information only to members of the congressional committee that oversees their department or agency's operations or to their own senator or House member without facing reprisal.

The CIA last year took action against a State Department official, Richard A. Nuccio — barring him from access to agency classified information — after finding that Nuccio had given to then-Rep. Robert G. Torricelli, D-N.J., information on a CIA informant in the Guatemalan military who may have been involved in the murder of an American resident of Guatemala and the husband of a U.S. citizen who was a guerrilla in that country.

WEATHER

Temperature Low on Coast; Several Hundred Degrees in Killian

By Michael C. Morgan and Gerard Roe

STAFF METEOROLOGISTS

Weak winds beneath a departing anticyclone will allow a sea breeze to develop this afternoon. With ocean temperatures offshore in the 40s (6-8 °C), temperatures along the immediate coast will have a tough time reaching the mid 60s (17-19 °C). Further inland, away from the effects of the onshore wind, temperatures will reach the low 70s (5-7 °C). In Killian Court, however, there will be a diurnal change of several hundred degrees.

A cyclone should stay to the south sparing Southern New England from significant precipitation through Sunday.

This morning: Partly cloudy and cool. Light winds 5-8 mph (8-11 kph). 10 a.m. temperature of 54°F (12°C).

This afternoon: Partly cloudy and mild. Winds becoming onshore 10-15 mph (16-24 kph). High 66°F (19°C). 2 p.m. temperature of 64°F (18°C).

This evening: High, wispy clouds, and cool. Low 54°F (12°C).

Saturday: Increasing cloudiness. Highs around 70°F (21°C).

Sunday: Partly to mostly cloudy with rain showers possible. High 65-70°F (18-21°C). Low 55-60°C (13-16°C).

Pentagon Seeks Support For Joint Chiefs' Candidate

By Paul Richter

LOS ANGELES TIMES

WASHINGTON

The Pentagon Thursday sought support for Defense Secretary William S. Cohen's choice to head the Joint Chiefs of Staff — a general officer who has admitted committing adultery — but the battle quickly widened into an effort to convince the public that the military was not applying a double-standard on sexual infractions.

One day after the Pentagon's disclosure that Air Force Gen. Joseph W. Ralston conducted an adulterous affair more than a decade ago, officials sought to explain how in different circumstances such relationships could put some service members in jail and others in retirement while not eliminating one — Ralston — from candidacy for the armed forces' most coveted post.

"I am satisfied Gen. Ralston's conduct was neither prejudicial to good order and discipline nor discrediting to the armed forces," Cohen said in a statement. He added that Ralston remains "a leading candidate" for the joint chiefs post.

Still, Cohen said that he will not make his final recommendation for the job until next week at the earliest, meaning that the Clinton administration and Congress will have time to gauge public reaction to disclosure of Ralston's affair.

Congressional reaction initially was cautious, with a smattering of lawmakers standing behind Ralston's candidacy. But privately, some on Capitol Hill predicted that Clinton will not sign off on a candidate who will keep adultery in the headlines.

"This candidacy will quietly breathe its last gasp and somebody else will fill the job," one senior congressional aide said.

The arguments sparked by the Ralston case, quickly joined by some members of Congress, marked a further intensification of the debate over the military's rules for sexual misconduct that has gathered force for months. And as Pentagon officials acknowledged that the mili-

tary has failed so far to explain why it needs rules on adultery in its code of conduct, Cohen signaled that he intends a broader review of whether the rules are properly conceived and carried out.

Kenneth H. Bacon, chief Pentagon spokesman, acknowledged at a news conference that a recent wave of widely reported cases has raised the issue of whether the system of enforcing sexual rules has been knocked "out of balance."

"The secretary realizes that has to be addressed. He's toiling with that question now," said Bacon. Over the next few months, he said, Cohen will look over the rules and how they are implemented by commanding officers in the field.

"This may be a problem of training or of enforcement or of explanation" to troops and the civilian world, Bacon said.

Ralston, 53, now vice chairman of the joint chiefs, had an affair with a CIA employee from August 1983 to June 1984 while the two were students at National War College near Washington and when Ralston was separated from his wife at the time.

Defense officials Thursday laid out their case that the affair was different from the infractions that in recent weeks have ended the career of 1st Lt. Kelly Flinn, a B-52 pilot; forced the retirement of Gen. John Longhouser, commander of the Army's Aberdeen Ordnance Center and School, and brought a suspension of duties for a Navy admiral and an Army general.

The military code provides that an adulterous affair is only against the rules if the conduct has the effect of harming "good order and discipline," officials said. And the harm to the military organization must not be in "some indirect or remote sense," Bacon said, quoting the military guide to courts-martial.

Disputing charges that the Pentagon is using a double standard in the Ralston case, Bacon said: "The issue is balance. The issue is doing the right thing. ... We are not voyeurs."

Officials noted that Ralston was not in charge of troops when his affair occurred.

The officials also distinguished between Ralston's case and that of Longhouser's by pointing out that the Aberdeen commander's relationship was with a defense department employee, meaning they they were both part of the same larger organization.

Also complicating Longhouser's situation, they said, was that as commanding officer, he was directly responsible for overseeing the justice meted out to the 12 drill instructors accused of sexual misconduct at the Aberdeen base.

Divorce court filings in 1988 by Ralston's ex-wife, Linda, alleged that while Ralston began his affair when the couple were separated, he subsequently violated their reconciliation by resuming the affair. Pentagon officials disputed that Ralston had resumed his affair while he was married, saying that he began it again only after his divorce was final.

Bacon also defended Ralston against charges that he was guilty of hypocrisy in forcing the 1995 retirement, at reduced rank, of Lt. Gen. Thomas Griffith, former head of the 11th Air Force, after an adulterous affair.

Griffith's infractions were far more serious because they were carried on over a longer time while he was a commanding officer and was living with his wife. They were also carried on in sight of subordinates, and thus risked disruption.

Ralston's case "is not the Flinn case — or the Longhouser case — or the Griffith case," said Bacon. The circumstances were "perfectly human, and understandable, and not particularly troubling."

A number of lawmakers supported Cohen's decision to continue Ralston's candidacy. On the Senate Armed Services Committee, which must confirm any nomination before it is voted on by the full Senate, support came from Sen. John Warner, R-Va., and Sen. John McCain, R-Ariz.

Congress Sends \$8.6B Disaster Relief Bill to the President

By John E. Yang and Helen Dewar

THE WASHINGTON POST

WASHINGTON

Congress approved an \$8.6 billion disaster relief bill Thursday, sending it to President Clinton for a promised veto over two GOP policies included in the measure.

The House voted 220 to 201 to pass the compromise bill just moments after the Senate approved it on a 67-to-31 roll call.

The legislation, with its \$5.4 billion for 35 states recently hit by floods, tornadoes, mudslides and other natural disasters and \$1.9 billion for peacekeeping operations in Bosnia and the Middle East, could be delivered to the White House as soon as Friday. Clinton has vowed to send it right back with a veto message.

"This bill is going to go down to the White House," said Senate Minority Leader Thomas A. Daschle, D-S.D. "My hope is that the Republicans will keep the car running" for the return trip.

Republicans countered that the president should accept the bill.

"I don't believe either one of these provisions is worth a fight," House Appropriations Committee Chairman Bob Livingston, R-La.,

said of the two issues Clinton opposes. "We're sending the president a bill he can sign," said Sen. Kay Bailey Hutchison, R-Texas, adding that if he does not, he must accept responsibility for the consequences.

Clinton has vowed to veto the legislation over two technical but politically consequential matters unrelated to the heart of the bill.

One would ban the Census Bureau from using a statistical technique, which Republicans say is unreliable, to compensate for suspected undercounting of inner-city blacks and Hispanics.

Because the census is used to determine congressional districts, that question could have a significant impact on which party controls the House after the 2000 head count.

The other policy would prevent government shutdowns such as those that marked the budget battles two years ago, for which the GOP got most of the blame.

Thursday's debates reflected the partisan acrimony that has marked the measure's difficult path through Congress.

Rep. David R. Obey, D-Wis., the House Appropriations Committee's top Democrat, said GOP leaders are

"putting political considerations above the needs of the American people."

Democrats sought political advantages of their own, with Daschle using a satellite hookup so reporters could interview Brenda S. Barger, the mayor of Watertown, S.D., and businesswoman Jamie Edwards about the city's extensive flood damage and hear their appeals for prompt action.

Asked if Clinton should sign the bill despite objections to the policy add-ons, Barger said Congress should instead send him a bill he can sign.

The bill also includes \$76 million for the Women, Infants and Children nutrition program and \$240 million to continue Supplemental Security Income benefits to an estimated 440,000 elderly, blind or disabled legal immigrants until Sept. 30.

Earlier this week, one contentious issue was resolved when Senate Appropriations Committee Chairman Ted Stevens, R-Alaska, dropped a proposal that would have made it easier to build roads across federal lands. Instead, Stevens and the administration agreed to set up a bipartisan commission to study the issue.

Clinton Stands by Weld Choice Despite Helms' Reservations

By Helen Dewar
THE WASHINGTON POST

WASHINGTON
President Clinton is standing by Republican Gov. William F. Weld of Massachusetts as his choice for ambassador to Mexico despite objections to Weld from Senate Foreign Relations Committee Chairman Jesse Helms, R-N.C., the White House reiterated Thursday.

But the road to confirmation could be long and difficult if Helms uses his considerable power to block the nomination and if there is no big push from either party on Weld's behalf.

"He has strong bipartisan support and we believe that we'll work through any concerns that may be out there successfully," White House spokesman Ann Luzatto said. Other Clinton aides said they have no intention of giving up on Weld and probably will not unless they

receive strong signals from both parties that the nomination is doomed. They did not express great anxiety, noting the dispute is among Republicans and serves to underscore GOP divisions.

Earlier, Clinton press secretary Michael McCurry said Clinton has asked Secretary of State Madeleine K. Albright to meet with Helms in an attempt to allay his concerns.

Weld, who has not been officially nominated but has accepted Clinton's offer to succeed departing Ambassador James Jones, has said he is not worried.

Asked Wednesday about the issue, Senate Majority Leader Trent Lott, R-Miss., said Weld "might begin with an apology," noting he had read somewhere that Weld may have "said something unkind about the chairman." This may — or may not — have been a reference to a comment by Weld during his unsuccessful

campaign against Sen. John F. Kerry, D-Mass.: Weld refused to say whether he would vote to retain Helms as Foreign Relations chairman if he were elected to the Senate.

Others have suggested Helms may be holding Weld hostage for his own policy initiatives, as he did with a group of ambassadorial nominations when he was pushing for a State Department reorganization bill. But Helms does not seem to be angling for anything now, and colleagues note he is rarely shy about telling the world what he wants when he takes hostages.

Still others said Helms was miffed the administration did not inform him of its intention to name Weld before the impending nomination was disclosed by the Boston Globe, although several sources said they doubted that was sufficient reason for Helms to oppose it.

Ending Long-Standing Tradition, NYSE Plans Trading in Decimals

By Brett D. Fromson
THE WASHINGTON POST

The New York Stock Exchange announced Thursday that it will start trading stocks in dollars and cents by the year 2000.

Responding to political pressure from Congress and market pressure from other U.S. stock exchanges, the directors of the NYSE voted to scrap its 200-year old practice of quoting stocks in fractions, and instead move to pennies. Other U.S. stock markets are expected to adopt decimal prices as well.

Pricing stocks the way grocery stores price bread and cheese will make it easier for investors to understand how much they pay and receive when trading stocks.

In one transaction Thursday, for example, Microsoft Corp. stock changed hands at 120-9/16 per

share. In the future, investors won't have to do the mental calculation to translate that into \$120.56 1/2.

A move to pennies would also transfer money — as much as \$3 billion a year, according to recent studies — from the purses of Wall Street market makers to the pockets of investors.

That's because if stocks trade in increments of pennies, competition will force Wall Street dealers to bid slightly more when buying stock from investors, and ask for slightly lower prices when selling.

Shares now trade in increments of eighths of a dollar, or 12 1/2 cents. The NYSE said that later this month it will allow stocks to trade in sixteenths, or 6-cent increments.

About 20 percent of trading on the exchange is conducted between investors and market makers known

as "specialists," who stand ready to buy and sell specific stocks at quoted prices. The specialists now take at least 12 1/2 cents, from the customer on each share they trade.

The Big Board, as the New York exchange is known in financial circles, did not say Thursday whether it ultimately will go to increments of a penny or a nickel. But congressional aides said they were told by representatives of the NYSE that the exchange will let competition among financial markets decide how small the price increments will be.

All major foreign stock markets use the decimal system. But the U.S. stock exchanges have followed a convention based on the 18th-century Spanish dollar, which was denominated in eighths, as in "pieces of eight," according to Robert Sobel, a historian of the exchange.

Albright Describes U.S. as Model For Democracy, Free Markets

LOS ANGELES TIMES

CAMBRIDGE, MASS.

Secretary of State Madeleine Albright, with the academic pomp of a Harvard graduation as her backdrop, offered the clearest vision of the post Cold War world yet articulated by the Clinton administration, sketching a global order open to every nation that embraces democracy and free markets.

"No nation in the world need be left out of the system we are constructing," Albright said, speaking from the same stage on the steps of the Memorial Church that George C. Marshall used as secretary of state to launch the reconstruction of Europe 50 years ago to the day.

In essence, Albright described a new world order of nations made in the image of the United States. Her audience of Harvard alumni, including a contingent from the class of 1947 that heard Marshall's address, applauded the unabashedly patriotic tone.

"Since George Marshall's time, the United States has played the leading role within the international system, not as the sole arbiter of right and wrong, for that is a responsibility widely shared, but as pathfinder — the nation able to show the way when others cannot," Albright said.

Although there is nothing new in a secretary of state endorsing the work of the international war crimes tribunal in The Hague, the prominence Albright gave the issue could set the stage for a showdown between the secretary of state and the Pentagon, which is reluctant to commit U.S. troops to track down indicted war criminals.

Coalition Sanctions Against Iraq Are Eroding, Analysts Say

LOS ANGELES TIMES

WASHINGTON

In defiance of U.S. policy and pressure, a growing number of America's partners in the coalition against Iraq are sending diplomats back to Baghdad, striking commercial deals and increasing direct contacts with dictator Saddam Hussein's regime, according to U.S. analysts and Iraqi opposition officials.

The accumulated impact amounts to the most serious erosion of economic and diplomatic sanctions since the international campaign led by the United States was launched to isolate Iraq after its 1990 invasion of Kuwait, the sources contended.

The moves to restore and improve ties with Baghdad by European and Arab allies of the United States have accelerated to an unprecedented pace in recent months, and come as U.S. Secretary of State Madeleine Albright has toughened Washington's stance against Hussein's regime.

"There's no doubt about the growing sanctions' erosion ..., and it's going to get worse," said Phebe Marr, an Iraq expert at the National Defense University in Washington. "We're going to need to do a better job of public diplomacy to hold the line."

To many analysts, the current trend's long-term danger is that it signals a shift in the framework of debate over Iraq's future.

Immediately after the Persian Gulf War in 1991, attention was focused on when Hussein would be ousted. As he disproved predictions of an early demise, the issue became how long he would struggle to hold on.



Graduate Student Council

Walker Memorial, 50-220 ☎ 253-2195 ✉ gsc-request@mit.edu 🌐 www.mit.edu/activities/gsc

Take a break from your summer vacation and check out what the GSC is doing!

Looking for jobs?
How can we help you?
The June 11 Career Fair meeting is waiting for your input.

The Orientation Committee needs help organizing activities for incoming graduate students. Come to the meeting June 12 and find out more.

Planning for summer activities?
Student group leaders, don't miss the Funding Board meeting on June 10.



Calendar

► JUNE

- 10** Funding Board Meeting *
- 11** Career Fair Meeting *
- 12** Fall Orientation Committee Mtg *
- 12** Institute Committee Round 2 Interviews, 9AM-12 PM, 50-220.
- 17** Housing & Community Affairs Meeting *
- 18** Activities Meeting *
- 27** Montreal Jazz Festival, June 27-29

► JULY

- 9** General Council Meeting *
- 12** Revolution Soccer Game
Tickets on sale June 13

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



OPINION

MIT Should Come Clean on ROTC

In its report last month the ROTC Implementation Team briefed the faculty on its progress toward implementing the "modified" ROTC program that the faculty approved last

Editorial

spring. The report highlighted the group's major achievement this year — the official institution of a reinsurance policy to guarantee scholarships for gay students disenrolled from ROTC because of their sexual orientation.

Passing the reinsurance plan was a good step in itself, but as the sole quantifiable change resulting from a year of work and lobbying, it is a depressing milestone. Indeed, it creates the impression that MIT is merely dragging its feet on the issue as it has already vacillated on for far too many years.

Although this inaction represents a big disappointment, it comes as little surprise to anyone familiar with the ROTC Task Force's proposal last year for a "modified" ROTC. *The Tech* threw its support to the original "model" ROTC plan last year because we believed that it represented an honest and innovative plan. Its spirit seemed strongly committed to progress. The diluted "modified" plan that eventually passed the faculty vote was weaker in tone and language. The modified plan relied heavily on the promise of national advocacy and dialogue for changing ROTC. The only way to make good on such a promise is for MIT's leadership to take a strong and vocal role in altering the perception of ROTC. We have not seen such leadership.

If President Charles M. Vest and others truly are committed to national policy change on ROTC, why aren't they speaking publicly and loudly in favor of it? Vest gives dozens of speeches each year, and if he wanted to publicly push MIT's views on ROTC, he could. But he has not. The implementation team's report points out some efforts the team has made consulting with other universities about ROTC and looking at cur-

rent court cases at the federal level. But these steps have had a marginal effect at best. MIT should be lobbying the Department of Defense and others forcefully and publicly, not promising to think of filing amicus briefs and only just now trying to make MIT a more gay-friendly place. The implementation team's notion of progress seems rather reminiscent of the feeble efforts of the ROTC working group, which from 1990 to 1995 served as a way to stall before the the ROTC task force was created to make some headway on the ROTC issue.

MIT needs to come clean on what it actually plans to do about ROTC to allow some sort of honest debate to take place. If MIT wants to wait for the federal policy to avoid putting defense research funding at risk, it should make this desire clear (under federal policy, the DoD and other government agencies can stop funding to schools that cut their ROTC programs). If MIT wants to take a stand and publicly detach itself from ROTC, again, it should say so and explain why. MIT has done neither, failing to make any progress since the faculty voted in 1990 to reevaluate ROTC. The continuing stalling and empty rhetoric about change only engenders suspicions about MIT's motivations and stifles valid questions about whether our stated goal agrees with our real goal.

When the faculty approved the modified ROTC plan last spring, it also required that the ROTC issue be brought back to be dealt with in two years' time again if insufficient progress is made toward change. If the implementation team's progress continues at its present pace, the faculty must next year come to terms with the fact that MIT cannot or will not do anything to change ROTC. The faculty should not accept a wait-and-see attitude on the conflict between MIT's principles and the military's anti-gay policies. If there is no progress, the faculty should vote to end ROTC at MIT.

Letters To The Editor

Profanity in *Technique* Was Not Necessary

I am very disappointed at the *Technique* staff's decision to include obscenities in this year's *Technique*. Both places where the f-word occurs could have done without it. There is a page of various explanations of our favorite acronym, IHTFP. Superimposed over these is one of the more common ones, "I Hate This ____ Place." Though it may represent MIT, putting it in print is low-class. It lowers the quality of an otherwise very well-put-together view of MIT life.

I purchased *Technique* so I that would have a lasting memory of MIT that I could look back on and share with others. The obscenities bother me personally and make me not want to show it to certain other people it would also offend. I hope next year's editors give some thought to this policy.

Alan Mizrahi '97

Improving *Tech* Comics Could Do Wonders Toward Improving MIT

Though there is the occasional article of note and interest, I think it plain that the best portion of *The Tech* is, in fact, the comics section. It is literally one of the few sparks of color in the otherwise monotone pages, administering a much need dose of humor. The comics should be the primary focus of the activities of the innumerate staff and resources. The introduction of the "Dilbert" serial is a move I fully applaud, but there remains much room for improvement.

Foremost in my mind is the new serial "Noun Poetry" that seems to have sneaked in the shadows of Mr. Scott Adams. Had it not been in the pages labeled "comics," I would have thought it the accidentally-printed scribbles of some drunk post-modernist undergo-

ing psychological testing for repressed memories or such.

Granted, "Dammed for Life" and "Off Course" aren't the most amusing of comics, and they read at times like poorly-scripted soap operas with cartoon characters. But they are simply leagues better than this "poetry" so reminiscent of my pre-school activities with Crayola. I am not familiar with the latest fashion among those who fancy themselves poets, but this stuff certainly has no place in the comics. I take Stan Lee and Spiderman anytime over Michel Foucault.

A brief glance on page four shows scores of people on the staff. Surely there must be at least one among them or among the thousands on campus who possesses even a minor sense of humor and a skill for depicting it. Can it be that this campus is without a single cartoonist who knows what is funny?

Letters, Page 5

Gun Upgrade Should Aim At Skill Development

The Campus Police's upgrade of firearms should focus on developing real skill in their use. The "qualification" course used for police is a joke to the competitive amateur pistol competitor. The Bedford Police Team was demolished by the archers at the Woburn Sportsmen's Association — same targets, same distance. New weapons won't add significantly to anyone's score; it takes improved hand and eye coordination.

Bruce D. Wedlock
Lecturer, Electrical Engineering
and Computer Science



Opinion Policy

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Departing Editor Reflects On Term Full of Surprises

Column by David D. Hsu
EDITOR IN CHIEF

I came to *The Tech* as a freshman almost three years ago. I joined because I enjoyed writing but didn't know if I had the time to write papers for classes. I had never worked on a newspaper before — I skipped my high school newspaper and the only journalism class. But, I thought, how hard could it be?

I had no idea. A high school English teacher once told our graduating class that the life ahead of you is "not going to be like anything anyone has told you about." And after a semester as editor in chief, I think that statement still rings true.

As a staff reporter and news editor, I had watched former editors in chief work. I knew the job required vast amounts of time, but I never was fully prepared to spend four nights a week editing in the office. Problem sets were often left incomplete (hey, it's only 15 percent anyway), and sleep was a rarity, not to mention my attendance at 10 a.m. classes on Tuesdays and Fridays.

And more than I had ever anticipated, *The Tech* managed to find itself in the news. A column blasting fraternities inflamed some, and for a few issues, the opinion section dominated the pages of *The Tech*. At times, it seemed like everything in the paper was a target. Even our comics and the use of our *Los Angeles Times-Washington Post* wire service became a point of contention when some charged that *The Tech* was racially insensitive.

Throughout those ordeals, few were shy about telling me how to do my job. I was amazed at how so many people at MIT could be versed in journalistic ethics and standards.

To my surprise, even with the criticism, I truly enjoyed my term as editor in chief. No, it's not because I'm masochistic but because I am proud to be part of an organization that aims to serve the community.

No, *The Tech* is not, and has never claimed to be, a well-oiled journalistic machine. Rather, we endeavor to be a good student newspaper. I always looked to assign stories

that would appeal to the MIT community in some way. Coverage of activities like the International Fair and Spring Weekend sought to bring attention to student events. At the same time, other stories like the closing of the Fishbowl Athena cluster and the drive for a communication requirement provoked students to think a bit about issues outside the dreary academic routine.

When I talk of *The Tech* as a student newspaper, I like to emphasize "student" more than "newspaper." As an editor, I learned Associated Press style, the difference between an editorial and a column, and the titles of all the deans, but as a student, I gained more.

The Tech was a chance to talk and deal with people outside my living group and outside my major. Through working on news stories, I learned about what students on the east side of campus or across the river were doing. Our readers often express disparate views, but everyone is still an MIT student. As a student newspaper, *The Tech* has an audience that is well-defined and easier for me, as a student, to relate to. In a regular newspaper, those relationships are harder to come by. For this reason, I always think of *The Tech* as a student newspaper.

"Student" also refers to the make-up of *The Tech* staff. I was lucky to work with a wide range of personalities to put out the paper. I can't say the friendships formed at *The Tech* are like the ones in my dormitory. They aren't better or worse, just different when we're trying to publish 70 issues a year. We'll argue about everything from stories and photos to non-newspaper topics like The Beatles and da Bulls, and then after a few hours, we'll go print another issue. People understand that, despite classes and work, the show must go on, and I'm often pleasantly surprised that it still does.

And so, this Commencement issue marks my last issue as editor in chief. I hand over the editing reins to Jennifer Lane '98. I wish her luck and the unexpected, as I look forward to spending more time sleeping and having fun during the school year.

Letters To The Editor

Letters, from Page 4

Improving *The Tech's* comics would do immeasurably more to improve the quality of student life than any committee or eager Undergraduate Association politician aspirant could do. Laughter is golden and *Tech* comics are lead.

Gary Li '00

MIT Medical Wants Student Feedback

We were pleased to read *The Tech's* in-depth article highlighting the Medical Department's reaccreditation with commendation ["MIT Medical Receives Highest Honor With Three Year Accreditation," May 13]. While we are gratified to receive this recognition, we want to aspire students that we will not rest on our laurels.

Your article cited four students by name who had suggestions on how we can improve our performance. We contacted these students and talked to them about their concerns. They offered valuable ideas that are currently being incorporated into the department's operations.

Throughout the past year in particular, we have been seeking counsel from undergraduate and graduate students through scores of interviews and focus groups. One byproduct of these encounters has been the creation of new student health materials that will be distributed in the fall. These materials clearly reflect what students told us they want to know.

I ask that any student who wishes to offer suggestions to the Medical Department contact our patient advocate Janice McDonough at x3-4976 or e-mail us at stuplan@med.mit.edu. We want to hear from you because the most important feedback we can receive is that patients are truly satisfied and that we are responsive to their needs.

Arnold N. Weinberg
Director, MIT Medical

Former Grad Student Asks to Be Readmitted To Continue Studies

I am writing to request that the Department of Materials Science and Engineering review

my academic history as a graduate student in the department.

When I finally enrolled at the Institute in the fall of 1990, I came here weary from struggling with officials from my own country. In 1989, after successfully completing some difficult exams, I got the impression from the Iranian government's Ministry of Culture and Higher Education that I would receive scholarship assistance if I attended MIT. The Iranian government subsequently cut my scholarship while I was at MIT. My registration advisor, who did not like Iranian people, informed me that the department had no available funding for me.

On Dec. 7, 1990, I received a letter from the head of graduate committee in the department telling me that I had no choice but to withdraw from MIT. This letter was instigated by my registration advisor and the Iranian government. After the summer, I qualified for a research assistant position because of pressure applied by some people outside MIT.

I subsequently took two Course III subjects during the 1992 spring academic term. The professor of one of the classes made fun of me at one point in front of the other students in the class about my grade on one of the problem sets. I wrote a complaint letter to the head of the graduate committee in the department and I asked him to help me.

He lied and told me that my homework had been returned to the professor of the course. When I wanted to get my final exam and homework, I found my final exam graded unfairly. He lied to me and told me that he has not received any letter from the professor. I had a similar problem with the grading of my final for the second class.

I have written many letters to a lot of professors at MIT for the past four years, but all of them have gotten the side of the professors who opposed me and they, too, believe I should not be allowed to pursue my studies. I also have written many letters to different agencies since 1996 about the discrimination I faced but I have not gotten any results. They have destroyed my life and my honor, but I hope this letter can help me to solve my problems and help me protect my civil rights.

Mohammad Farnush SM '93
Assistant Professor,
Department of Metallurgy and
Materials Engineering
Tehran University

Armed Robbery Gives Victim A New Perspective on Safety

Column by Shang-Lin Chuang
CONTRIBUTING EDITOR

On Monday night, I became a statistic. I am the girl who was robbed at 9 p.m. Monday in the women's bathroom in the basement of the Student Center.

Yes, it was 9 p.m., and yes, it was in the Student Center.

Fortunately, I walked away unscathed physically and with only the loss of only some money and jewelry. The incident was fairly mild, and I didn't suffer much emotional or psychological trauma from it. The robber was not a large man and I never even saw a weapon.

Since then, many people have told me how lucky I was. They have said how they are sorry that the event happened but that it happened the best way it could have. And I agree.

However, what happened afterward, when I began to think about it, proved the most disturbing.

I can live with the fact that I was mugged. I can live with the fact that I lost some money. I can even live with the fact that for five minutes of my life, I was threatened by a man I never knew. What I cannot live with are the circumstances in which the mugging took place.

Had I been mugged walking on Memorial Drive at 1 a.m., it would have been different. Had I been mugged after using the ATM on Massachusetts Avenue, it would have been different. Had I been mugged in a less frequented part of campus, it would have been different. Had I been mugged in Central Square, it would have been different. But I was mugged in the Student Center — at 9 p.m.

I have done some pretty crazy things during my stay at MIT, but going to the bathroom in the basement of the Student Center at 9 p.m., after drinking coffee at Tosci's, was not one of them.

How many of us have gone to that same bathroom alone? How many of us were there later than 9 p.m.? How many of us have used an Institute bathroom alone, later at night? The one next to Lobby 10? The one on the fifth floor of the Student Center?

I don't know what could have been done. The Campus Police could lock the Student Center, but that's not very convenient. I could choose not to leave my room after dark, but that's very unreasonable. We could have security cameras in the bathrooms, but that would be an invasion of privacy; besides, the mugging could have taken place anywhere. I could

have checked the bathroom before I went in, but I doubt my attacker was visible at first glance.

So what is there to do? When can we be sure we can be perfectly safe? Can I ever go to that bathroom again? What should I do the next time I have to stay up late at Athena? These are the questions that I have been asking myself ever since the mugging, and the answers bother me.

I have always thought of the MIT campus as being very safe. I have told my family and friends that I can walk home at 3 o'clock in the morning from Athena and be confident that nothing will happen to me.

I am not saying that that's no longer true. There are very few armed robberies at MIT and certainly very few in the Student Center. My attack was definitely unusual and is not something we should expect. However, it does shed some light on the question of how safe we really are.

The answer is that we are not safe, anywhere. Unfortunately, there really isn't anything that I, and for that matter, anybody, can do. That incident could have taken place anywhere and any time and involved anyone. If I didn't go to the bathroom, it would have been Cindy (the girl who walked in and called the police after I yelled for help). I could have taken a self-defense class (and I will), but, honestly speaking, there wasn't an opportunity for me to have done anything on Friday night.

The only thing we can do is always be aware of where we are and who is around us. It is a silly, often joked about thing, but it makes sense: Go to the bathroom in pairs. Although I don't think anything serious would have happened, I don't want to think about what could have happened had Cindy not walked in when she did. Be aware of suspicious people, and notify the police. If you are a man and you hear a yell from the women's bathroom, call the police to check it out. It is always better to be safe than sorry.

It will take me a while to feel safe when I am alone. It will take me a while to be able to go to the bathroom alone. It will take me awhile to unlock my suite door. I will get over this incident someday, but my new understanding of safety will stay with me forever.

Shang-Lin Chuang, a junior double majoring in biology and chemical engineering, is the incoming chairman of *The Tech*. She wants to thank her friends and family for the tremendous amount of support they have given her.



Husain Offers Cheek, Pom-Poms for Commencement

Column by A. Arif Husain
COLUMNIST

It was a long ride from the airport but a bit shorter than I remembered. Every T train arrived with perfect timing, so it passed quickly, but my overstuffed suitcase made the walk from Kendall to west campus a hefty workout. The air was chilly, and the night was dark, but all cliché aside, it really was good to be back on campus.

Pop bitterness over the years has held that MIT is a place better to be from than at. In a way, my last four months away from campus has made me agree. When the job quest took me from office to office in research labs from coast to coast, those three little letters were invariably received with a, "Great, please have a seat," and, on occasion, with a, "When would you like to start?"

But agreeing with the aphorism doesn't prevent me from recognizing that some hindsight is useful in getting a better picture of the way things were. From where I stand, I really do expect to miss MIT life, for better or for worse. Limiting my nostalgia, it is perhaps the joy of being from this place that reshapes our memories of being at it, an altogether beneficial transformation.

So my point: Even if you hated every last minute of every course, seminar, recitation, exam, problem set, lab, project, or paper you ever spent time on, you'll probably still do okay when you look for a job. And if you end up being happy later in life, then you might

even share some of the credit with the hallowed institution whose diploma certifies at least one of your collegiate degrees.

Unless of course you spent the last four years sucking foam out of a keg or sniffing paint thinner through a Bic Rollerball. In that case, I suggest you memorize two important phrases: "Would you like fries with that?" and also "Paper or plastic?"

At this point you're probably reading this text to escape the monotonic drone of names during the morning's commencement exercises. Or perhaps being civil and attentive graduates and visitors you are saving a browse through *The Tech* for the evening ride home. Or dare I say it, the headline to this column could easily have become visible through the rain soaked pages of the makeshift umbrella you used to make the somber trip from Killian Court to the Johnson Athletics Center.

In any of these cases, one thing remains the same. You are choosing to spend your time gathering information and acknowledging the opinions of others. You are searching, to some degree for answers, turning to *The Tech* and its opinion staff for assistance. To me, that is indicative of the inevitable question that is looming over many of our minds as graduates, and is perhaps most so on the minds of parents, family, and others who value our success and the security of their financial investments: "What are you going to do with that degree?"

For me that question is easy. I'm going to buy a really stylish frame and hang that puppy in my really non-stylish apartment. Maybe I'll scan it in and put it up on the Web some place. Or perhaps I'll have it printed onto a tablecloth or a T-shirt. If any of my peers

involved in the graphic arts can help me get my diploma stuck on anything else, I'd be much obliged. Ties, underwear — hell, maybe I could even get it on a mouse pad.

I don't apologize for being so flip about the whole matter because ultimately that ninety thousand dollar diploma really is just a shiny happy sheet of paper. If it serves you best as a blotter for your drafting table, then I say, more power to you. When you were here, you should have studied what interested you. If you didn't then that's a shame, but no reason to continue pursuing a career of boredom and disgust.

A few years down the road I'm going to have to ride in the cars some of you folks designed, rely on some of your electronics, and live in some of your buildings. The last thing we need is a ten thousand ton suspension bridge designed by a guy who'd rather be watching *Happy Days* re-runs than performing load tests. If for no one else, think about my children. We thank you in advance.

The last matter on my mind stems from my sympathies for international diplomacy and for my passionate belief that elected officials should answer the call of their constituents. As a member of the Class of 1997, it was a rare occasion that I took part in the political motions of my class or even that I could recognize that they were moving. So today, on this Commencement, I must humbly ask our president, Pardis C. Sabeti '97 to act on my behalf.

I don't really know Pardis, and I doubt she knows me, but in the true spirit of democracy, it's the little people who's voices must echo through the public officials who represent them. So, with that in mind, I am confident.

It was brought to my attention that Miss

Sabeti will be the last speaker before United Nations Secretary General Kofi Annan delivers the keynote address. This fact puts her in a good position to extend Mr. Annan a warm welcome on behalf of our class. You see, the Secretary General will be flying in directly from the Organization for African Unity conference in Zimbabwe. I'm guessing that it's a fairly taxing flight, even in a United Nations aircraft. Thus, I think it would be generous and worthwhile for Miss Sabeti to help Mr. Annan shed his jet lag and dazzle us with a vibrant and energetic keynote address.

First, he's got to have a Power Bar. Protein, carbs, and low in fat, it's just the thing to give a tired Secretary General a morning-lull boost. I recommend Mocha or Malt-Nut. Check www.powerbar.com for the nearest retailer.

Next, as a guy with just a touch of public speaking experience, I know that the worst thing to talk to is a passive, unresponsive audience. That's where the pom-poms come in. Miss Sabeti must lead us, as graduates, into the MIT Cheer. Yes, the e-to-the-u-du-dx, one. I've hated that thing for the five or so years that I've known of it, but on this last day I think it's just the thing to give Mr. Annan the needed audience orientation. Two or three times through, and maybe even a couple of originals (if Miss Sabeti feels creative) and I am certain that Mr. Annan's speech will be exceptionally received.

With that, I wish every graduate good luck and my hearty congratulations.

A. Arif Husain, former opinion editor of *The Tech*, is now living in Santa Monica, California. He denies all rumors regarding his tan lines.

Despite Hype, Other Schools' Grass Less Green Than MIT's

Column by Douglas E. Heimbarger
ASSOCIATE NEWS EDITOR

Last weekend, I ventured to southeastern Virginia to see friends I went to high school with. While I had a great time, I've returned thinking about just how good life here at MIT is. Not how bad things are, but how good things are.

Think about it: While we may always be griping about how academic programs (and classes), facilities, administrators, and everything else about life here at MIT is bad, we really do have a lot to be happy about here at the Institute.

Granted, classes do take up a lot of time. But at least MIT does give us a break from early classes — my friends who went to other institutions talked about their 8 a.m. classes, and one complained about a 7:30 a.m. lab. Now, they may not be up as late doing problem sets as MIT students, but we could have those same time schedules as well. The Institute does take care of us in small ways.

Then there's the housing situation. Yes, some of the dormitories may be a little run down. Well, they may be more than a little run down. But, at the same time, at least they're well maintained on average, and at least here there are distinct alternatives through the fraternity system.

One of my friends who goes to school at Mary Washington College talked about the showers that were broken for months in a completely run-down hotel. Another friend who visited here last November from Virginia Tech said "Wow, you live in a hotel!" as she commented on how nice our dormitories as a whole were compared to those at their large, state-run institution. As a whole, our dormitories are well-maintained and clean, something which cannot be said for many of those at other places that I've spent time.

Although we may not admit it, we do as a whole have a really nice dining system in that we don't have to use it. It's nice, too, that Aramark food is at least somewhat edible, compared to what I heard about food at other schools in some of the stories I heard last weekend. While we may gripe day and night about all things dining, at least we aren't eating standard cafeteria food daily.

While it may not seem like it when we're here, we do get great on and off-campus job opportunities. My high school friends spent their job time on campus working to clean their dormitories or avoiding working in the dining halls. Here, meanwhile, undergrads work on projects ranging from developing new electronic devices to redefining transportation systems. We definitely have job opportunities that are more exciting and that pay better than those of many at other universities.

Finally, there's perhaps the most important matter of all — the strong communities that we do build here at MIT. Many of my friends were in the process of finding off-campus dormitory housing because their dormitories were decrepit or because they disliked the cost of university housing. "Nobody lives in the dormitories unless they're lazy," lamented one of my friends.

But here at MIT, most students live with the same group of people for four years. Whether it's a fraternity or a dormitory (or a floor of a dormitory), there's a much better opportunity to meet people and live in an environment that facilitates group activities and sharing. My high school friends were flabbergasted to learn that I lived in a living group where people went out to dinner on a whim, played games into the night, and in general just hung out. By far, my living group has been the most positive experience of my year here so far, and it's just one reason that I'm glad to have come here.

Sure, MIT does have a lot of problems. The campus does look, well, institutionalized. A few trees, maybe a nice place to sit during the day would be dearly welcomed. Creating a more pleasant environment in general when dealing with people like the Registrar's Office or the Student Financial Aid Office would make life here a lot easier.

Classes could be better administrated. Sure, we do learn a lot, but it's really annoying to receive problem sets just a few days before they are due or to attempt to get involved in a class where there is no syllabus and no way to have a clue as to what will be coming up next week. But that's a problem anywhere, not just at MIT.

Activity funding and support could definitely be improved. While a few organizations manage to survive without significant Institute funding, many other small and large organizations can't make it on their share of the relatively meager for all activities. Planning and executing an event on campus here is a difficult process that takes away from academic time. These two things combined make it difficult for anyone to bring groups to campus — even the smaller schools had more interesting people on campus last year than MIT, some sponsored by student groups, others by college funding.

Overall, the experience here at MIT is vastly different than that at most other schools. There are some things wrong with the Institute in general, but it's not as bad as many of us say or think it is. Griping is always a great way to relieve stress, but every once in a while we should step back to look at the bright side. While there are a million ways to improve MIT, we do have a great institution here in Cambridge.

Protests Amount to Little More Than Posturing and Bullying

Column by David Kelman
COLUMNIST

Reading the column by Teresa Huang '97 ["Protesters Claims About Racism at MIT Are On Target," May 9], one gets the impression that some people feel we are floating in a sea of racism here at MIT. Recently, I have seen several demonstrations and letters asserting that grievous racist acts and attitudes are being inflicted upon several different minorities at MIT. Upon closer examination of Huang's column and several recent demonstrations, however, I have become convinced that the reality is quite different. In the end, many of the recent protests are amounting to little more than shameless posturing and bullying.

Huang asserts that she has felt "plenty" of anti-Asian sentiment and that both discrimination and racist "things" exist in the MIT community. Through the course of Huang's column, however, I find little example of MIT's racism. Huang spends the first half of her column on a diatribe about the perceptions and misperceptions within American society as a whole. As far as I know, however, people at MIT have little to do with who anchors news casts, who gets more Olympic media coverage, or who is chosen for what roles in Hollywood movies.

When Huang finally tries to present some semblance of an example as to the supposedly rampant anti-Asian sentiment at MIT, she resorts to the now infamous example of "Rhino Man." The best that Huang can come up with here is that one of the heroes, Professor Atama, has a mustache of which she does not approve. Huang asks us how many old Asian men we have seen that look like Professor Atama.

I admit that I have not seen any, but as I understand it, Zachary Emig '98 specifically fashioned his characters in such a manner that they did not look like anyone in particular. Additionally, I have not seen any talking rhinoceroses in the real world, either (nor in cartoons; perhaps they, too, are being discriminated against). Huang continues her column by informing me, and all other readers as well, that I would draw a typical Asian man with "slanted eyes, buck teeth, and a karate robe."

Huang seems to have prejudged a lot of us. At least in my case, her prejudice is quite off the mark. Ignoring the fact that my artistic ability does not rise above the level of stick figures, if I were to try to draw a typical Asian man, he would have none of the features Huang lists. In fact, Professor Atama has neither slanted eyes, nor buck teeth, nor a karate robe. I similarly have not seen any depictions matching Huang's description of any person, Asian or otherwise, anywhere on this campus. I have seen buck teeth by themselves, but only in "Damned for Life."

After a brief digression back to movie-makers, which I assert that MIT students have little control over, Huang informs us that "Rhino Man" is not MIT's worst offense, but the characterization of her concerns as oversensitive is. How convenient! If I do not specifically agree with that Huang's concerns are extremely important, then I must be racist. Thus, only opinions similar to Huang's are valid. This whole type of rationale is quite similar to the bullying style of the McCarthy hearings during the Cold War.

Finally, Huang insinuates that people who do not agree with recent protests have not, perhaps, done their research. She urges people to "try asking us." Well, Zachary Emig stated that when he tried just a tactic, he received no response. Similarly, when I politely tried to talk to people that were carrying out the April 29 protest, I was summarily ignored for a full minute and a half before one person finally acknowledged my presence when it became clear that I would not just go away. I do not think that either of these situations were signs of protesters who were willing to engage in rational dialogue. While I do not want to throw Huang in the same category as these instances, I want to make clear the fact that most of the individuals carrying out these protests are not saying "try asking us."

I certainly understand that some people on this campus feel that they are being discriminated against. Believe me, I am sorry that people feel this way. A community where everyone feels equally happy is certainly an appealing prospect. However, sometimes, one person is not going to like what another person says or does, despite good intentions.

To those people that complain that everyone is so insensitive to your concerns, perhaps you should ask yourselves why so many people seem to be so insensitive. Perhaps everyone really is so insensitive, but I do not think it is likely. Has anyone been turned down for a UROP on the basis of their ethnicity, gender, or choice of lifestyle? If they have, that is wrong. However, if you are upset because other people have drawn people in comics with strange mustaches or because they have not agreed with your views, then I urge you to tone down your indignation and grow up. Expressing your views is one thing, but insinuating that everyone else is racist is neither productive nor mature.

I do not want to see MIT descend into some kind of McCarthyist environment where anyone who dares to speak risks unending scorn from those who find their actions to be improper. Let us stop this kind of downward spiral before it starts. I do not think that I need any special names to try to raise my indignation above anyone else's. I'm a human being, and I'm angry. If you have a problem with that, fine; just don't call me racist.

Commencement Spectacle Also a Time for Reflection

Column by Ramy A. Arnaout
SENIOR EDITOR

Wednesday, June 4. The nearness of Commencement had me in a reflective mood. It had also made me a bit cynical.

After all, no amount of pomp and circumstance — the new crab apples in Killian Court, for example, or the not-so-free Senior Week foodfests, or the still-wet groutwork underfoot — can hide what Commencement really is, at least to this cynic: the tail end of a very pricey business deal. I have done my time. I have paid my \$100,000. I have caused a mortgage. In return, I now collect my diploma. Four years of IHTFP and nerd pride; one rotten piece of paper.

Come to think of it, I'm surprised that the wizards of re-engineering have not yet hit on the idea of making diplomas available as, say, PDF files over WebSIS, printable upon request. It would save a fortune in printing costs alone.

Needless to say, this kind of thinking would not fly with either proud parents or partying friends. There had to be a better way to come to terms with graduation. So I took a walk around campus to try to find one.

It was windy as I headed east along Amherst Alley. Every now and again I passed fellow seniors, loved ones in tow. Most were giving the folks the penny tour, just like they did during Residence and Orientation week. Here and there 25th reunion alums were strolling by the dorms that have gone up since their days here. I wondered if any of them had ever eaten at Joyce Chen's — the restaurant that used to sit where New House sits now — and how far their 1972 dollars would go today? Aramark.

Watching them got me thinking of how much the physical campus is likely to change by the time the Class of '97's 25th reunion rolls around. First off, East Campus and Senior House will probably be history. I'm not saying I necessarily like the idea. But the administration has been trying to move students west off and on since the 1960s and has failed in large part only because of pressure by dormitory alumni. If the recent renovations succeed in weakening Senior House's character and making it just another dorm, alumni ties will weaken as well.

East Campus would then be just a renovation plan away from the same fate, and it sure can use a pair of elevators.

The west campus I know, then, would probably double in size with a new dorm alley along Vassar Street. It was not hard to imagine converting the mammoth Metropolitan Fire Proof Building for undergraduate use. MIT has even begun to stake its claim on the building with a proposed visitor's center inside.

Those, of course, would not be the only changes. The barbecue pits between Johnson Athletics Center and the Rockwell Cage are already set to house a new indoor pool complete with diving venue, which should be open by 2000. Looking east, plans are in motion to finally put Building 20 out of its misery, yielding to a new computer science complex. And, if students want it badly enough, Building 14 will hopefully be replaced by a large, well-lit, centralized library, netting humanities professors nice new offices in the deal.

By now I had reached the Student Center. Outside, two Physical Plant workers were on their knees doing some last-minute groutwork as part of the Institute's all-out effort to impress Commencement visitors. This pageantry is directed mainly at returning alumni and less so at graduates, whom the Institute hopes to hoodwink into thinking that MIT was always this nice to be at — nice enough, at least, to donate some money. That's the plan, or so an even more cynical friend told me.

It was working. The more I walked around, the more I noticed how nice the campus actually did look. Shrubs had been trimmed. Cracks in the concrete had been sealed. Lawns had been laid down, watered, and mown where no lawns had existed just days before. I mean, how often is this place actually pretty? And, through some deep connection, that got me thinking about the friends I had made and good times I had had here, the lessons I have learned, and the trials I had faced and surmounted or, often, failed.

Yes, I really was getting sappy. But it was also dawning on me just how much had happened to me here and how much there is to think about. Commencement is a spectacle for guests. But for graduates it is, more than anything else, a chance to take a break and to try to get a handle on the MIT experience.

And that will take some time.

'Rhino Man,' Ethnic Studies Complaints Are Overblown

Guest column by Omri Schwarz

I've been here at MIT four years now. I remember MIT's only book-burning — of the harassment guide. I remember *The Thistle* being far more polemic in its anti-rush issue. I'm at a loss concerning recent events. A group of students is on a crusade against racism, and *The Tech* has become its windmill.

Several student groups have complained that *The Tech*'s comic strip "Rhino Man" has an Asian villain and that *The Tech* printed a *Washington Post* article stating that some people speculated the that Empire State shooting a few months back was done by an Arab terrorist in the hours immediately following the incident.

These students have provided no evidence to back up their conclusion that *The Tech* is racist. According to these students, it is wrong to report that people sometimes carry prejudices. If you report on prejudice, you must be prejudiced yourself. This is a very interesting supposition.

They have also claimed that "Rhino Man" stirs anti-Asian passions. Well, none of my white friends have been moved by "Rhino Man" to join the Klan. Does anyone know of any? Marvel's comic strip "X-Men" has had a Jewish villain for years. Yet not once has the Anti-Defamation League attributed an anti-Semitic incident to the influence of "X-Men," even though the average "X-Men" fan is far more likely to be influenced by popular culture than the average MIT student, who can be influenced only with free food. I guess it's because those "X-Men" fans must have learned from the comic strip that Jews have the ability to generate strong magnetic fields and are thus best left unpestered.

The protesters also demand an ethnic studies program and an Asian liaison to the administration. I find their reasoning unconvincing. Do they think that racist demagogue Zachary Emig '98, author of "Rhino Man," will go to an ethnic studies subject, become enlightened, and turn the (now-dead) antagonist of "Rhino Man" Dr. Sasori into Barney the purple dinosaur? Or do they think an Asian liaison will make Emig cower in fear, casting away his pencil, and muttering "those damned Asians haven't heard the last of me!"?

Before these measures are implemented, I must ask, how large should an ethnic group be before it has a liaison? Should there be other criteria? Also, is an ethnic studies program really something we want attached to MIT's good name? I think not, when I observe that the ethnic studies program at CUNY has Leonard Jeffries, who lectures that whites are all "ice people," cruel and cold, while blacks are all "sun people," devoted to truth and light. I also can't help thinking of Wellesley's Tony Martin, who claims that the Jews ran the slave trade (an interesting accusation, considering that when the trade began, Jews were banished from most of the countries that practiced slavery).

This is why I put a petition on the Web against these measures. The text follows after my signature. Following that I am enclosing to *The Tech* a list of the signatories. Please observe that the petition uses softer language than what I've written above, and associate only the petition with the signers.

"Petition to prevent yet another addition to tuition bill.

We, the undersigned, feel that although there are scattered incidents of racial tension on the campus, they do not call for the following measures:

Ethnic studies program

Such programs are available at Harvard and Wellesley.

It would be redundant to start one at MIT.

Asian students liaison

We students can speak for ourselves. There is no need for another administrator.

Mandatory sensitivity training during R/O

We feel that freshmen should be able to decide whether or not they should attend such training.

Other measures

We also feel that changes in the faculty hiring policy, course offerings, and faculty time obligations shouldn't occur because of "Rhino Man" or *The Tech*. Those issues should stay within the student body."

Signed: Michael P. Dakin '00, Scott D. Schneider '99, Jay P. Muchnig '97, Erik Altman '83, Kevin B. Theobald '83, Charles L. Coffing '98, Michael Spitznagel '99, Benjamin Ho '00, John R. Bender '00, Autumn Steuckrath '00, Andre P. Reyes '00, Hilda L. Gutierrez '00, Maciej Stachowiak '97, Gregory Golberg '96, Burdette Wendt '99.

"I could never divide myself from any man upon the difference of opinion, or be angry with his judgment for not agreeing with me. . . ."

Sir Thomas Browne (1605–1682)

"Yeah, right!"

Stacey E. Blau (1976–)

Join *The Tech*'s opinion department
Call x3-1541 and ask for Anders or Stacey

THE ARTS

FILM REVIEW

With a tight plot and great characters, *Con Air* flies

CON AIR

Directed by Simon West.

Written by Scott Rosenberg.

Starring Nicolas Cage, John Cusack, John Malkovich, Steve Buscemi, Nick Chinlund, Rachel Ticotin, Colm Meaney, M.C. Gainey, and Ving Rhames.

By Jonathan Litt

STAFF REPORTER

Jerry Bruckheimer, along with his late pal Don Simpson (who died of a drug overdose last year), have produced some of the most successful action flicks of the last two decades, including *Beverly Hills Cop*, parts I and II, *Top Gun*, *Crimson Tide*, and *The Rock*, which together have grossed over one and a half billion dollars worldwide. It's fitting that most of his plots involve cops and soldiers, because his movies are executed like a carefully planned assault on the audience. You do not simply watch a Bruckheimer movie, you experience it as if you were meant to take part in any of the various shootouts, arguments, fights, or explosions that are the staple of his genre.

If you're in the mood to be immersed in and pummeled with entertainment, you can't go wrong with Bruckheimer, and *Con Air* is no exception. *Con Air* is about as much fun as summer movies get, and is recommended for anyone disappointed by the lackluster summer opener *The Fifth Element* and *The Lost World*. (*The Lost World* may be a box office hit, but I have yet to meet anyone who was impressed with anything other than the computer-generated dinos.) The amazing thing about *Con Air* is that it has two elements rarely seen together in a full-fledged action flick: an intelligent and well-written script, and absolutely superb performances from over half a dozen major characters.

Nicolas Cage plays Cameron Poe, an Army Ranger who is sent to prison for accidentally killing a drunken man who threatens his pregnant wife. Perhaps the only major plot hole is the lack of a decent explanation for why Poe does not simply plead self-defense, but I'm willing to accept any plot element that involves someone getting screwed by the judicial system. While in prison, Poe decides to hold off meeting his



Nicolas Cage plays parolee Cameron Poe who becomes a reluctant hero when the prison transport flight carrying him back home is skyjacked by savage criminals being taken to a maximum security prison in Jerry Bruckheimer's *Con Air*.

newborn daughter until after he's released so she won't see him in the company of thieves and murderers.

After eight years Poe is finally accepted for parole, and is scheduled for transport on a maximum security airplane that is at the same time scheduled to populate a new prison with a motley crew of maniacal criminals. Led by the cunningly resourceful Cyrus "The Virus" Grissom (John Malkovich), the criminals take control of the plane, much to the chagrin of Poe who just wants to get back to his wife and daughter. However, Poe successfully hides his true identity as a "good" criminal, and manages to secretly communicate with the authorities on the ground that he is working on their side. Needless to say, after much madness, mayhem, and several plane landings and take-offs, he saves the day with the help of U.S. Marshal Vince Larkin (John Cusack).

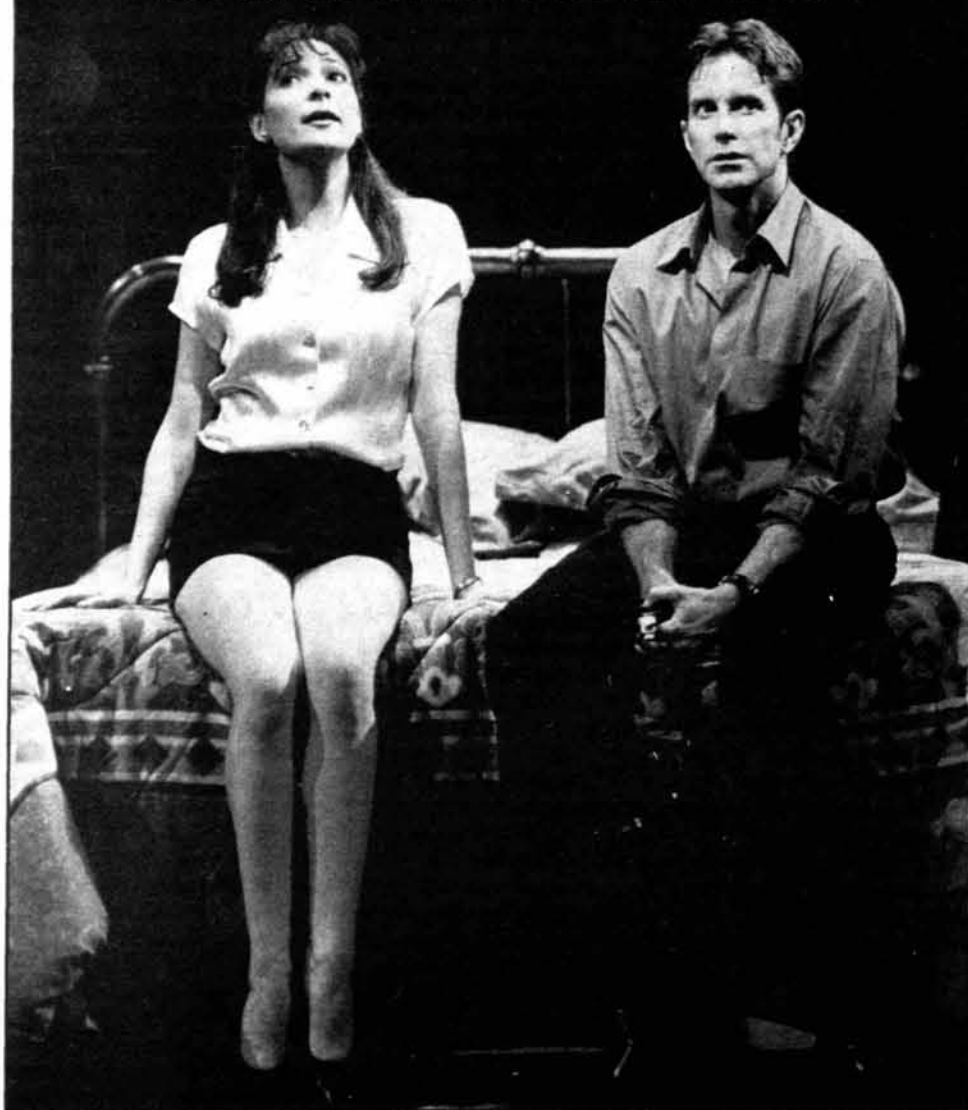
It is not so much the plot of *Con Air* that makes it interesting, but the way the script consistently chugs along without a single dull moment or sleeper scene. There are enough hilarious lines and devious plot developments to leave you both laughing and sitting on the edge of your seat for the majority of the movie. There is also a lifetime's worth of crashes, shootouts, and explosions. Screenwriter Scott Rosenberg should definitely be credited for covering all of his bases. (In fact, he will be—I sat in front of his aunt and uncle and afterwards they were swamped with people hoping to relay a congratulations to him. His aunt and uncle pointed out that he has a small cameo as the craps dealer in the final scene of the movie.)

However, most of the credit should go to multitude of stars in the movie, and probably to the casting directors as well. It is easy to imagine a horribly-acted version of this

movie, and I have to admit that my expectations weren't high as I walked into the theatre. Nicolas Cage has a much more impressive presence than he did in *The Rock*, and his burly performance in this movie should quell any doubts that people have expressed about his ability to play Superman in the upcoming Tim Burton remake. John Cusack is fun to cheer for as the clever and determined U.S. Marshall. Last but not least, the entire crew of deranged criminals, including Malkovich, Ving Rhames, and Steve Buscemi, amongst others, are about the most likable bad guys found in any recent movie.

Con Air might not be *The English Patient* (although both have several plane crashes and burn victims), but of course, that is like comparing a roller coaster to the opera. School is over, the Oscars are a year away, and big-budget action flicks such as *Con Air* are what summer is all about.

35 and still a bachelor?



April (Marie Danvers) and Bobby (Davis Gaines) get acquainted in the musical *Company*.

COMPANY

Music & Lyrics by Stephen Sondheim.

Book by George Furth.

Huntington Theatre Company.

Through June 22.

\$12-\$47, seniors & students with ID \$5 off.

HTC Box Office: 266-0800.

Ticketmaster: 931-ARTS.

By Joel Rosenberg

STAFF REPORTER

When Stephen Sondheim's musical *Company* opened in 1970, political incorrectness referred to voting for Nixon. A lot has changed since then, and in 1995 and 1996 the show was revised and updated for its New York and London revivals. The Huntington Theatre is the first professional company to combine these revisions, and also the first professional production of the show in Boston since its pre-Broadway tryout in 1970. They do this amazing show justice, and will continue to do so until June 22.

A landmark in musical theater as the first "concept" musical, *Company* is George Furth's book set to music and it follows the central character Bobby through the days surrounding his 35th birthday. Still a bachelor, he peeks in on the worlds of the five married couples who have been his lifelong friends and who urge him to commit to one of his three-plus girlfriends and start a serious relationship. Each couple has a problem that Bobby happens to be present for, and each one resolves it.

Bobby is played well enough by Davis Gaines, who recently played the title role in *Phantom of the Opera* for almost 2,000 performances. Karen Mason turns in a notable performance as Joanne, the middle-aged, jaded New Yorker on her nth husband, looking to have an affair with Bobby, despite (or perhaps to spite) her loving husband Larry, performed by Walter Charles. Her song, "The Ladies Who Lunch," deserves an ovation for the edge she gives it. Amy is performed by Tia Speros, who beautifully fills

the house with mile-a-minute lyrics about cold feet in "Getting Married Today," complete with an on-stage chorus. And Bobby's not so bright flight-attendant female friend April is done nicely by Marie Danvers.

After the first act of the show, one might think there's nowhere to go but down. However Daniel Pelzig's choreography takes over the stage in the opening of the second act, brilliantly performing Sondheim's "Side by Side by Side" tribute to chorus lines, which is complete with canes and top hats. Between this number, "The Ladies Who Lunch," and the bittersweet duet "Barcelona" between April and Bobby, the show comes off as almost overwhelming.

The set is a great rendition of a New York loft, and a different painting (indicative of the profession they've given Bobby) adorns the background for each vignette, which is a nice touch. The show also frames each scene well, making great use of the props already on stage. Creative use of colors in the costumes focuses attention where it should be paid. The orchestra is okay, although at times it doesn't feel as tight as a professional orchestra should.

Rent has come and gone, impressing many with its loud rock score and 90s themes. *Les Mis* is back in town, weaving a 3 1/2 hour tale about the life of a convict with epic music. *Company* is quite unlike either of these other two, acting more as a commentary on people than as a story about them. Unlike *Rent*, the show would be incomprehensible without the songs. And unlike *Les Mis*, even the small characters are well developed because you feel you've shared a very important moment in their lives.

It's a wonderful performance of a show most people have only heard of, or at least haven't seen in ages, and should not be missed. Be forewarned about bringing a date, however—some of the themes might be somewhat advanced for an early relationship. Either way, it should make for some interesting conversation and a good time.

Boston rocks this summer

Summertime sure doesn't mean beach time in Boston, but it does mean concert time. And there are some pretty good acts coming around to Great Woods and Harborlights, the two big venues for when the weather is warm. Tickets for all shows can be purchased by calling

423-NEXT (or 423-6000 if you want to talk to a human). Lots of Newbury Comics and Strawberries locations also sell tickets. Enjoy the shows — what better way is there to spend a cool June evening than on a lawn in Mansfield?

Great Woods

Indigo Girls — June 6
Special guest Ulali.

WBCN River Rave — June 7 & 8

The Moody Blues — June 11
With the Festival Orchestra.

Dave Mathews Band — June 12 & 13
Special guest Bela Fleck & The Flecktones.

The Ozzfest '97 — June 14
Featuring Ozzy Osbourne, Black Sabbath with original members Ozzy Osbourne, Toni Iommi & Geezer Butler, Pantera, Type O Negative, Fear Factory, Machinehead, and Powerman 5000.

John Mellencamp — June 16
Special guest Amanda Marshall.

ZZ Top — June 18
With special guest Cheap Trick.

Allman Brothers Band — June 20

WKLB Boston Country Sunday — June 22
Featuring Vince Gill, Pam Tillis, Bryan White, and Trace Adkins.

Rush — June 23

No Doubt — June 26
Special guests Weezer and Face To Face.

Styx — June 27
Special guest Pat Benatar.

Lynyrd Skynyrd — June 28
Special guest Paul Rodgers.

Smokin' Grooves 1997 — June 30
Featuring Cypress Hill, Foxy Brown, George Clinton & Parliament, Funkadelic

& The Mothership, The Pharcyde, Erykah Bad and The Roots.

Further Festival — July 1
Featuring The Black Crowes, Ratdog with Bob Weir & Rob Wasserman, Mickey Hart, Bruce Hornsby, and moe.

Bush — July 6
Special guests The Jesus Lizard.

Lollalooza — July 8
Featuring Orbital, Tool, Snoop Doggy Dogg, Tricky, Korn Jon Spenser Blues Explosion, Korn & Julian & Damian Marley & The Uprising Band.

70s Supershow — July 10
Featuring The Village People, KC and The Sunshine Band, Kool & The Gang, Vicki Sue Robinson, Thelma Houston, The Tramps, Motion, hosted by Deney Terrio.

Aerosmith — July 11 and 12

Boston — July 15

Tina Turner — July 18 & 19
Special guest Cyndi Lauper.

Counting Crows — July 20
Special guest The Wallflowers.

The Lilith Fair — July 22
Featuring Sarah McLachlan, Tracy Chapman, Paula Cole, Fiona Apple, The Cardigans, Juliana Hatfield & Victoria Williams.

Santana — July 25
Special guest Rusted Root.

Steve Miller Band — July 26
Special guest Eric Johnson.

Live — July 30

The Who — July 31

Queensryche — August 2

The HORDE Festival — August 8
Starring Neil Young & Crazy Horse, Beck, Primus, Widespread Panic, Soul Coughing, Ben Folds Five, Leftover Salmon & Cake Like.

Allman Brothers Band — August 22

Bryan Adams — August 23

Fruit of the Loom Tour — August 24
Featuring Travis Tritt, Hank Williams Jr., Charlie Daniels Band, and Jo Dee Messina.

Jimmy Buffet & the Coral Reefer Band — August 28, 30 & 31

Zenith Blues Music Festival — September 7
Starring B. B. King, Special guests The Robert Cray Band, Tower Of Power, and Jay Geils, Magic Dick, Bluestime.

Harborlights

The Beach Boys — June 21

G-3 — June 22

Featuring Joe Satriani, Steve Vai, and Kenny Wayne Shepherd with special guest Robert Fripp.

Kenny G — June 26
Special guest George Benson.

Manhattan Transfer — June 27

Al Jarreau — June 28
With special guest Boney James.

Wynonna — July 9

Lyle Lovett — July 2

Dance Across America — July 10
Featuring La Bouche, Amber, Jocelyn Enriquez, Quad City DJ's, 3 Fun Factory, and Crush.

Huey Lewis and the News — July 11

An Evening With Crosby, Stills and Nash — July 12

UB40 — July 14

New Edition — July 16

Buddy Guy — July 18
With G. Love and Special Sauce.

Aretha Franklin — July 22

John Michael Montgomery — July 25

Reggae Explosion — July 26
Featuring Third World, Maxi Priest and The Wailers.

Legends of Motown — August 1
Featuring The Temptations and The Spinners.

Shawn Colvin — August 2

Mary Chapin Carpenter — August 3
With special guest Gillian Welch.

Chicago — August 6

An Evening With Patti LaBelle — August 7
With a 60 piece orchestra.

Jethro Tull — August 10

Daryl Hall & John Oates — August 12

Tony Bennett — August 14

Kenny Loggins — August 15

Natalie Cole — August 17

Sheryl Crow — August 19

Ray Charles — August 21

Ziggy Marley and The Melody Makers — August 22
With Big Head Todd and The Monsters.

Sinead O'Connor — August 28

Jewel — August 29

An Evening With Gipsy Kings — September 4 & 5

Johnny Cash — September 11

Nanci Griffith — September 13

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MUSIC

Getting in on the first floor with bands on the rise

By Joel Rosenberg
STAFF REPORTER

BEN FOLDS FIVE

5/27 *The Paradise*
5/28 *Lupo's*

Being right is bittersweet. It's really great seeing a band you liked before everyone else making it big, and knowing that it's everyone else jumping on the bandwagon and not you. And yet, when the others start jumping on you at the concert, you question why you wanted everyone else there.

A bit of moshing never stopped me before, though, and Ben Folds Five gave two great shows two nights in a row in the greater Boston area. Having just come back from Japan where they had been for a few weeks, Ben complained about jet lag but showed his wear very little.

Their following has grown considerably since their second album, *Whatever and Ever Amen*, especially given the airplay their single "Battle of Who Could Care Less" has received. The Paradise was mixed with old fans and new as Folds, drummer Darren Jesse, and bassist Robert Sledge kicked through a nice selection from their old and new albums.

In Providence the next night, despite Lupo's goons clad in obnoxious red t-shirts around, the all-ages crowd got a bit rowdier and more obnoxious than they had been the

night before. The mood was perhaps justifiable after one of the worst opening acts in history, Bettie Seviert, who played for an hour and something like 15 songs to boos as they started each song. Things were made more bearable by Ben's antics, screaming through a heavy metal parody "The Ultimate Sacrifice," and a nice cover of "She Don't Use Jelly."

I actually got to meet Ben before the Boston show, and besides some talk about the tour, I asked him who's taking the bong hit on "Uncle Walter." He thought about it for a second, and said, "I'm not sure. It was one of the other two — one did the honors, the other did the hit."

They're going to be playing New York's Summerstage in Central Park on June 25 with Morphine and Pharaoh Sanders (I think this one's gonna involve some \$\$, however), and they're joining an Incredible HORDE tour in July, which will make its way to Great Woods on August 8 (see schedule for details). They're just going to get bigger.

SQUIRREL NUT ZIPPERS

4/4 *The Roxy*

It has been a big year for Chapel Hill, N.C. bands, as the Squirrel Nut Zippers have exploded onto the scene right along with Ben Fold Fives. Before New Years I had never heard of them, and now they're appearing on Letterman, being played to death on the air ("Hell," that 1920s sounding jazz tune about

Satan), and joining HORDE, as well. They came around recently and packed the Roxy, a really nice, really big, somewhat cheesy, really perfect venue for this group.

These guys have a great recorded sound, and a live sound that makes you feel like you're in a Maxell commercial. Frontman Jim Mathus has the entertaining ability of Harry Connick, Jr. on stage, a compliment not given out lightly. Katherine Whalen, the lone female of the band, makes you want to go up to her when her act is done and say, "What's a nice dame like you doing in a dive like this?" as you sip your whiskey on the rocks and smoke a big cigar, whose smell lingers on your tuxedo (tails, of course). This group emanates class and style, which they play perfectly. Bassist Don Raleigh spins his upright in suspenders and a fedora, Ken Mosher keeps his cigarette burning in the neck of his sax, and drummer Chris Phillips could be stoned out of his skull for all you know, banging the skins like a track in the back. Tom Maxwell helps out entertaining the crowd with Jimbo, and also plays a mean guitar and bari-sax.

The Nut Zippers are unbelievable, and if you have the means, they're one of the best stage bands I've ever seen. They fully explain why the 20s were roaring and jazz used to be mainstream. They'll also clue you in to why everyone should know how to swing dance. Try to find them this summer if you can. Otherwise, they'll be back. They're not going anywhere soon.

THEY MIGHT BE GIANTS

4/5 *Avalon*

TMGB are by no means a new band, but a good show deserves a word just the same.

Any true TMGB fan should have been at Avalon on April 5th. Perhaps in honor of Flansburg's heritage, perhaps because they needed some place to do it (they repeated the feat twice at the end of the month in Chicago), they graced Boston with a show celebrating the release of their two-CD re-release of their first three albums and some bonus tracks, entitled *Then: The Early Years*.

After an odd, very appropriate opening solo act Brian Dewan, just the Johns came out for a complete first set accompanied by a tape track, something they haven't really done since *Flood* came out in 1990. They played a bunch of songs they hardly ever play anymore, including "Put Your Hand Inside the Puppet Head," "Youth Culture Killed My Dog," "Ana Ng," "Cowtown," and "I'll Sink Manhattan." They truly know their audience, and know just how to work them. I felt privileged to have seen this first set.

They brought the band on for a really good second set, which had stuff from newer albums, especially *Factory Showroom* (which is better than John Henry and a really good disc). They played the standards like "Particle Man" and "Istanbul," got the crowd rocking with "Shoehorn with Teeth" (they put their stage manager or someone on glockenspiel, which he covered beautifully), and finished with an amazing encore that included a full-Avalon conga line (Flansburg challenged everyone to join in) and an inspired "Dig My Grave" so that everyone would leave sweaty and tired, discussing the chaos that would be involved with a fire at Avalon. A very fulfilling musical night by a niche band that everyone should include in their collection.

Andersen Consulting's MIT alumni
congratulate the

Class of
1997

on its upcoming graduation.

We wish you the best of luck
in your future endeavors.

We look forward to meeting the Class of 1998 this Fall.

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Community Honors Many for Contributions to MIT

By Brett Altschul
ASSOCIATE NEWS EDITOR

On May 14, members of the MIT community gathered in 10-250 to honor those who had committed outstanding achievements or who had made significant improvements to the Institute.

The awards, given annually by several different groups, recognize achievements in service, teaching, athletics, and other areas.

Chair of the Faculty, Lawrence S. Bacow '72, who presided over the awards ceremony and introduced the awards ceremony with hearty congratulations for all the recipients. He said that the award winners were important to MIT's success. "Our product is special," he said. "It takes a lot of people to do that."

The first awards presented were the **William L. Stewart Jr. Awards**, which recognize students and student groups for exceptional extracurricular activities during the year. The awards went to Ronald Cao G and Jacob J. Seid G for their work in attaching Chinese schools to the Internet, to Laura L. DePaoli '97, for her work as chair of the senior gift committee and president of the pan-Hellenic Association, to Areej Hassan '99 and Monisha M. Merhant '99 for increasing political awareness in the community, to Russell S. Light '98 for improving student accounts as Undergraduate Association Treasurer, to Carolyn E. Metzger '97 for improving Leadershape, to Jagruti S. Patel '97 for helping to develop the electronic Student Information System, to the Interfraternity Council for volunteer and diversity work, and to Keys for Empowering Youth for teaching science in the Cambridge public schools.

Several athletic awards were also presented at the convocation. The **Harold J. Pettegrove Award** for outstanding service to intramural athletics was presented to Reginald F. Paulding '97.

The **Admiral Edward L. Cochrane Award** and the **Pewter Bowl Award** are awarded to male and female seniors who demonstrate leadership and inspiration in intercollegiate athletics. This year they went to Robert A. Cooper '97 and Sarah J. Davis '97.

The **Betsy Schumacker Award**

goes to an undergraduate woman for excellence in athletic competition. Myong-Sin Yi '98, the women's national collegiate air pistol champion, who led both MIT women's pistol teams to national championships, received the award.

The **Howard W. Johnson Award**, for the male senior athlete of the year, went to Andres J. Villaquiran '97, a member of the soccer team. Director of Athletics Richard A. Hill, who presented the award, called Villaquiran an explosive and dangerous player. He also noted his stunning academic achievements: Villaquiran is graduating today with degrees in mechanical engineering, economics, and management.

The **Malcom G. Kispert Awards**, for the male and female senior scholar-athletes of the year, went to N. Katherine Merrilees '97 and Ben W. Leong '97.

The Interfraternity Council presented several awards. The **James R. Killian Jr. Community Service Award** for the Greek organization with the best community service program was awarded to Kappa Alpha Theta.

The **Order of Omega New Member Education Award**, for the fraternity with the best new member education program went to Phi Delta Theta.

The **Reid Weedon '41 Alumni Relations Award** for the IFC member organization with the best program for alumni relations was presented to Zeta Beta Tau.

Frederick Gardiner Fassett Jr. Awards, for the male and female IFC members who best exemplify the ideals of service and brotherhood went to Lisa Ho '97 of Kappa Alpha Theta and Joseph Lee '97 of Sigma Chi.

In addition, many professors were awarded for excellence in teaching. The **Irwin Sizer Award** for the most significant improvement in MIT education was presented to Holly B. Sweet and Lee D. Perlman PhD '89, lecturers in the Experimental Studies Group, for their seminar, Sex Roles and Relationships.

The **Frank E. Perkins Award** honors a professor for excellence in teaching and advising of graduate students. This year, Professors of Electrical Engineering and

Computer Science Kenneth N. Stevens ScD '52 and George C. Verghese shared the award.

The **Graduate Student Council Teaching Awards** are awarded to professors for excellence in teaching, particularly of graduate students. Despite the statement that the awards should go to professors, the awards were not given only to professors. They went to Visiting Associate Professor of Management Timothy Luerman, Enrique Elasca, William J. Butera G, and Craig Carter.

The **Bose Award for Excellence in Teaching**, which honors a professor in the school of engineering, went to Professor of Materials Science and Engineering Donald R. Sadoway. Presenting the award, Dean of Engineering Robert A. Brown cited a quote about Sadoway in the *Course Evaluation Guide*: "His lecture is art."

The **Arthur C. Smith Award** honors a MIT faculty member for contributions to undergraduate life. Before announcing the award recipient, Dean for Undergraduate Education Rosalind H. Williams called forward Smith, her predecessor, to acknowledge his contributions. The Smith award was presented to Professor of Materials Science and Engineering Kirk D. Kolenbrander for working to improve Leadershape.

The **Kristen E. Finnegan Prize** honors a graduate student whose efforts improved the writing of undergraduates was awarded to Edward W. Kohler G.

The **Albert Hill Prize** goes to minority juniors and seniors with high academic credentials and who have contributed to the quality of life for minorities at MIT. The prize was shared by Yessica E. Cabrera '97 and Novice M. Johnson '98.

The **Laya W. Wiesner Award** goes to an undergraduate woman who has enhanced MIT community life. It went to Shonna Hsiang Yin '97.

The **Ronald E. McNair Scholarship Award** goes to a black undergraduate with strong academic performance who has contributed to the minority community. The award was shared by Kevin J. Lee '97, Spencer L. Lewis '97, Torrance J. Moseley '98, and Derek A. Stevens '97.

The **Association of MIT Alumnae Award** honors a woman for outstanding academic achievement. Anna Lopatnikova '97 and Dicle Yesilceten '97 shared the award.

The **Louis Sudler Prize in the Arts** is presented to a graduating senior for demonstrated proficiency in some art form. The prize went to Grant Ho '97, a violinist.

The **Goodwin Medal Awards** recognize graduate students for conspicuously effective teaching. The recipients were Christopher A. Morse G and Adil Najam G.

The **Laya and Jerome B. Wiesner Awards** honor students or groups that excel in the arts. The awards went to Tara V. Perry '97, Solomon R. Douglas '97, and the Dance Troupe.

The **Harold and Arlene Schnitzer Prize in the Visual Arts** honor students for creating an outstanding body of work in the visual arts. The prize was shared by Francisco J. Ortiz G, Benjamin C. Matteo '97, and Xingheng Wang '99.

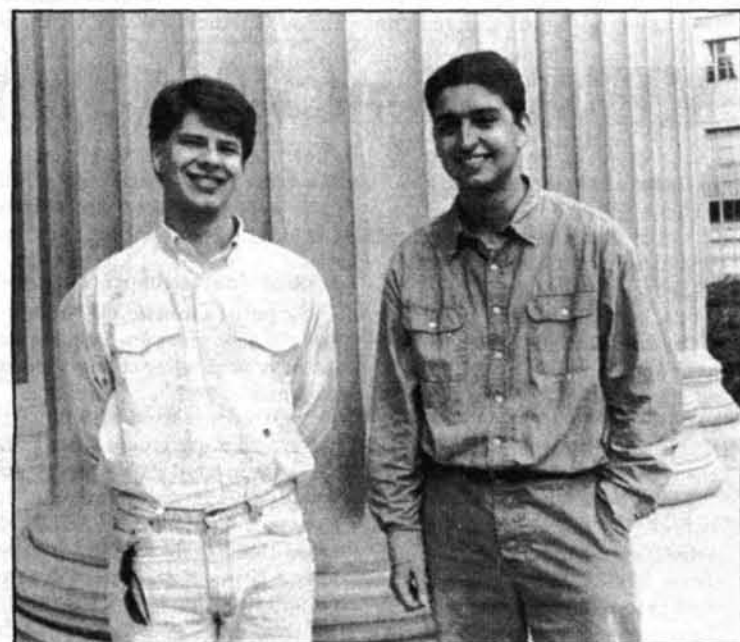
The **Gordon Y. Billard Award** is presented to someone other than a student who performed special services of outstanding merit for the Institute. Two employees shared the award. Rolf R. Engler was honored

for his efficiency and financial skill working in the Department of Urban Studies and Planning. Paul Thomas, from the Plasma Science and Fusion Center, was honored for his work in the public schools as "Mr. Magnet." In presenting the award President Charles M. Vest noted that Mr. Magnet's appearances were booked for the next three years.

The **James N. Murphy Award** honors an employee whose spirited contributions earned a place in the hearts of students. Arline Benford, an administrative assistant in the Department of Chemical Engineering, received the award.

The last awards given were the **Karl Taylor Compton Prizes**. They honor students for promoting citizenship and high standards in the MIT community. "It's sort of a lifetime achievement award for young lives," Williams said.

The awards were presented to Anthony J. Ives G and Douglas K. Wyatt G. Ives was selected for his work on reengineering, Leadershape, and for serving as president of Lamda Chi Alpha. Wyatt was cited for his work as president of the Association of Student Activities, as secretary of the UA Finance Board, and with Amnesty International.



Douglas K. Wyatt G (left) and Anthony J. Ives G won this year's Karl Taylor Compton Prize.

Departments Give Awards for Research, Teaching, Work

By Zareena J. Hussain
ASSOCIATE NEWS EDITOR

As the year draws to a close, departments often try to recognize students who have made significant contributions in research, academics, and service. *The Tech* received the following information from Departments about the awards they presented.

Civil and Environmental Engineering

Richard Lee Russel Award: Phoebe J. Lam '97, Christopher J. Marx '97, Laurel A. Schaidler '97
Steinberg Prize: Christina A. Marsh '97

Mechanical Engineering

Carl G. Sontheimer Prize: Matthew B. Wall '89 and Kevin L. Wasson
Department Service Award: Stacy J. Morris G, Liv Galendez
Reinhold Rudenberg Memorial Prize: Peter Kassakian
Meredith Kamm Memorial Award: Julie A. Yang G
Luis de Florez Award: Neeta Verma
AMP Inc. Award: Euree Y. Kim G, Joseph A. Calzaretta G
Whitelaw Prize: Nathaniel Riley '98, Kirk P. Seward '98
ASME Student Service Award: Neeta Verma

Wunsch foundation Silent Hoist and Crane Awards: Fabio Brunet '98, Diana M. Sanchez '97, Ania W. Mierzejewska '98, Troy C. Thorson '98, Mads C. Schmidt '98, Denzil Vaughn, Keith G. Fife '98 (with Annabel Florez, Adrian Gomez '99, Laura A. Montalvo '99, Lizabeth A. Montalvo '99, Dennis Rivera '99)

Chemistry

Undergraduate Teaching Award: Federico Bernal '97, Hisham O. Eissa '97, Lily Huang '97
Undergraduate Service Award: Raylene J. Sanchez '97
Merck Index Award: Anna E. Lee '97, Doris Lin '97, Srivatsan

Raghavan '97

Hypercube Scholar Award: Zoltan Maliga
American Institute of Chemists Foundation Award: Lillian T. Chong '97
Undergraduate Research Award: Lillian T. Chong '97, Jennifer J. Sokol '97
Alpha Chi Sigma Award: Jennifer J. Sokol '97, Junko Tamiya '97

Biology

Ned Holt Prize: Sarah B. Tegen '97
Salvador E. Luria Prize: Sophie C. Currier '97

Whitehead Prize: Avital A. Rodal '97

John L. Asinari Award: Rachel F. Fezzie '97 and Mala Murthy '97

Political Science

Jeffrey L. Pressman Awards: Sarah E. Anderson '99, Eugene Lee '98, Elizabeth C. Schofield '98
Outstanding Thesis: Michael A. Usowski '97

Mathematics

Jon A. Bucela Prize: Pramod N. Achar '97 and Aleksey Zinger '97
Housman Award: Ioanid Rosu G
Jennifer C. Johnson Prize: Andras Vasy G

Commencement Will Be Gray's Last

Commencement, from Page 1

from 1971-80 and President from 1980-90, will continue to teach at MIT after completing his service as Chairman July 1.

The formal Commencement activities begin at 9:45 a.m. today with the traditional academic procession. The procession starts at 77 Massachusetts Avenue before heading east on Memorial Drive and ending in Killian Court. The procession will be led by Chief Marshall DuWayne J. Peterson Jr. '55.

The Commencement program will begin at 10 a.m. with the invocation, which will be given by MIT Lutheran Chaplain Rev. Constance Parvey. Annan will then deliver the Commencement

address to the graduates.

Senior gift benefits activities

Following Annan's speech, outgoing president of the Graduate Student Council Constantine A. Morfopoulos G will deliver a salute to MIT from the graduate student body. Senior Class President Pardis C. Sabeti '97 will present the senior class gift to Vest, who will then give the charge to the graduates.

This year's Senior gift is the Students Promoting an Improved Campus Experience (SPICE) Fund, which will help undergraduate student groups sponsor events for the MIT community.

After the gift is presented, Vest will award diplomas to the bachelor of science degree recipients and

those receiving both bachelor of science and master's of science degrees while Provost Joel Moses PhD '67 will give out advanced degrees. Following the Commencement program, President Vest and Mrs. Vest will hold a reception for graduates and their guests at several locations in or near McDermott Court.

At 6 p.m., a commissioning ceremony will be held for 15 graduating cadets and midshipmen in MIT's Army, Air Force, and Navy ROTC programs. The ceremony will take place under the masts of the historic frigate USS Constitution at the Charlestown Navy Yard Historical Park. The speaker will be Chief of Naval Education and Training and Vice Admiral Patricia A. Tracey.

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Imaging Search Engine Emerges Victorious in \$50K

By Zareena Hussain
ASSOCIATE NEWS EDITOR

Imagen emerged victorious in the eighth annual \$50K Entrepreneurship Competition with its plan to create an image-based search engine.

The team, which was composed of Pamela R. Lipson SM '93, Satyajit Rao G, and Pawan Sinha SM '92, received the \$30,000 grand prize. They plan to begin marketing the engine, which they call "the golden retriever of image databases," by the end of the year.

Advisors to the team were Professor of Electrical Engineering and Computer Science W. Eric L. Grimson PhD '80, Professor of Brain and Cognitive Sciences Tomaso Poggio, and Chris Daly.

Following close behind was the e-pen team, which hopes to provide software to enable the efficient transcription of notes from marker boards. The other runner-up, Eastern Delta Corporation, plans to develop and market 3-D display systems. Both won awards of \$10,000.

The \$50K entrepreneurship competition is entirely organized and run by students. It is intended to encourage those within the MIT community to use their own talents and draw upon outside resources to launch business ventures.

Imagen creates new visual search

The members of the Imagen

team saw a huge marketplace for the database technology they proposed.

"In recent years we had been developing new systems that could automatically classify images based on their content," said Lipson. "While we were working on the technology two significant trends developed. The first was that the number and sizes of digital image libraries were growing rapidly. The second trend was the increasing popularity of the World Wide Web, which placed vast graphical content at the disposal of the general users," he said.

E-pen aids board transcription

The idea for e-pen came to its creator, Yonald Chery '93, while he was a Teaching Assistant for Digital Systems Lab (6.111) critiquing students' project ideas.

"During many of these design review sessions, it would be necessary to work out more details of project subsystems. I would spend at least an hour per team, often filling a chalkboard with notes and schematics," said Chery. "At the end, students would manually transcribe the board's contents to paper. Invariably, omissions and transcription errors would occur, resulting in delays and needless problems for some teams," he said.

Chery worked with Michael R. Dixon G, Andrew Kelly G, David

B. Krakauer G, William P. Moyne G, and Matthew D. Verminski G, to bring the idea to the competition.

The idea of creating better 3-D imaging system came to Eastern Delta Corporation member Gregg Favalora G while he was an undergraduate at Yale.

"I somehow came up with some exciting display technology that is more cost-effective than stuff the military is using. That invention, coupled with my desire to run a high-tech firm, are the seeds for what we're doing now," he said.

Linda Ustueti, Sandra L. Batista, Belinda Juran, George J. Keramas G, Jorge L. Menendez G, and Lori Park, worked with Favalora on the project.

Teams benefit from competition

"The competition is a great educational experience, but also a way to launch real companies," said Will N. Clurman G, the lead student organizer for the competition.

In the eight-year history of the competition, 26 companies have been formed as a result of the contest. Over \$40 million has been invested in these companies and over 200 jobs have been created, Clurman said.

Many team members found the experience invaluable. "Entering the \$50K Entrepreneurship competition seemed like a great way to learn

how to write a business plan and understand what is involved in starting high-tech entrepreneurial ventures," Chery said.

"This year's competition had a tremendous amount of instructional support with manageable contest milestones," he said. "That made the whole process of writing a business less intimidating to a non-business-savvy engineer, like me."

"The \$50K competition was a perfect way for us to formalize our ideas about taking our academic research in the area of machine vision and transforming it into a commercial product," Lipson said. It "provided a clearly laid-down timeline for development of a business plan and offered invaluable support and advice to help us achieve each milestone along the way."

Many of the teams in the competition were comprised not only of MIT students, but also of students from other schools and of people already working in businesses. MIT students were encouraged to seek outside resources in order to create well-balanced teams, Clurman said. The rules' only stipulation was that at least one current MIT student must be a principal contestant on each team.

Judging entries difficult

All teams who submit entries are

given a critique of their business plan. "We want to make sure we give good, real world feedback to contestants," said Joseph G. Hadzima Jr. '73, a judge for the contest.

Teams are judged on the basis of the size of their estimated market, the ingenuity of their idea, and the clarity of the business model, as well as the likelihood of success based on the written plan and oral presentation.

Of the winners, "each one had some real positive things and each had some flaws but, they were all very good," Hadzima said. "The judging was easier in previous years because only a few teams would stand out."

"We've created a monster with all the great plans," Hadzima said. "In the real world these would be right up there with the best."

The judges "liked the fact this year that the organizing committee did a lot to get more balance on the teams," Hadzima said. "The student organizing group did a phenomenal job, from the judges perspective."

Undergraduate students can benefit from the competition by being on the organizing team. "\$50K is like a little company," Clurman said. "It's a great experience for those who want entrepreneurship experience themselves."

MIT Student Wins Truman Award for Public Service Work

By Zareena Hussain
ASSOCIATE NEWS EDITOR

While many MIT students look forward to careers as computer programmers, doctors, or research scientists, one MIT student has chosen to devote himself to a career in public service and has won a \$30,000 scholarship to help him achieve his goals.

Jacobo Orenstein-Cardona '97 is one of the recipients of this year's Truman scholarship, which are awarded by the Harry S. Truman Scholarship foundation. The foundation was established by Congress in 1975 to fund the education of students preparing for careers in government or public service.

A small fraction of the scholarship, \$3,000, can be used for undergraduate study, while the rest of the award is applied to a recipients graduate education.

Orenstein-Cardona, who graduates today with degrees in history and chemistry, plans to spend the next two years teaching high school back in his home in Puerto Rico. After that, he intends to go to graduate school to study history, the political sciences, or education. After graduate school, he plans on attending law school.

While at MIT, Orenstein-Cardona progressed from wanting to be a research scientist to becoming a doctor until he decided upon his current career plan.

"I wanted to make sure that my work would address society's needs. Along the way, however, I came to realize that substantially more fundamental problems affected society

which lay beyond the scope of science and medicine," Orenstein-Cardona said.

Student wants to improve society

Some of Orenstein-Cardona's greatest concerns stem from the status of underprivileged minorities in the United States.

"Discrimination and poverty prevent minority groups from being fully integrated into society and being democratically represented," Orenstein-Cardona said. "The root cause of this problem is the economic and political marginalization of minority groups in the US. Sadly, we avoid discussion about this in the media and public discourse because it challenges us as a society to grapple with difficult issues," he added.

"In deciding what to do with my life, I had to evaluate my own motivations and question what was important to me—figure out what it was that I most valued in life. The decision I have come to at least for now is to attempt to provide solutions to these problems through a career in public service," he said. "I plan on becoming involved with three things back home: public education, legislative reform, and government service. My decision to follow this path was influenced to a great extent by family members and friends already engaged in public service," he added.

Orenstein-Cardona's older sister, Aida, was awarded a Truman Scholarship in 1994.

Students aided in applying

The application process for

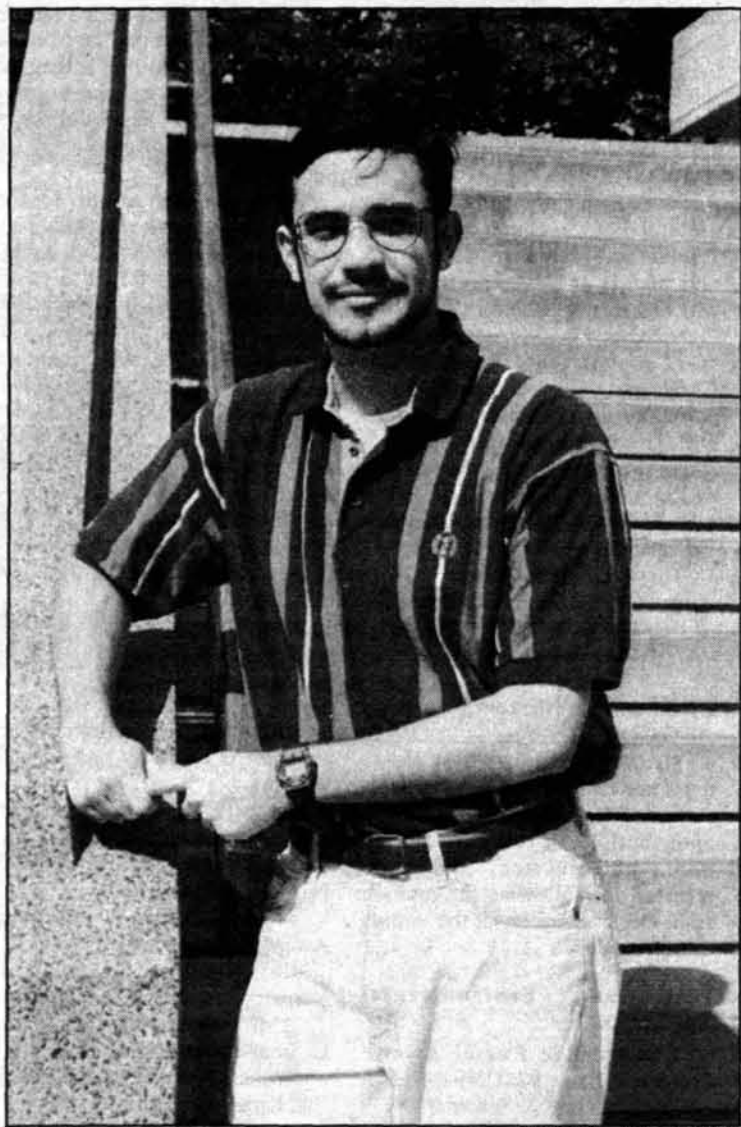
becoming a Truman scholar begins in one's junior year. One can also apply in their senior year if there was no Truman scholar to represent the state or territory in the previous year, said Professor of History Anne McCants, a Truman Scholar and MIT's representative to the scholarship program.

Between ten and 15 MIT students begin the application process each year, McCants said. On-campus interviews in November help select which students will be sent on for consideration by the foundation. After the on-campus interview, MIT helps students to prepare their applications to the foundation.

After the applications are reviewed, the next step in the process is a regional level interview, which requires the students to fly to their home state. After the interviews, one student is selected from each state or territory. There are also some at-large scholarships which usually are awarded to students in large states such as California, McCants said.

In order to be chosen, the Truman scholar must "in some way convey a sincere desire and a coherent plan of action to commit to a life of public service and a fairly broad sense of themselves and their place in their community," McCants said.

"The Truman scholarship seeks people with true commitment towards public service. I hope I was selected by the Truman Foundation because they perceived that commitment in me," Orenstein-Cardona said.



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1997 Truman Scholar Jacobo Orenstein-Cardona '97.

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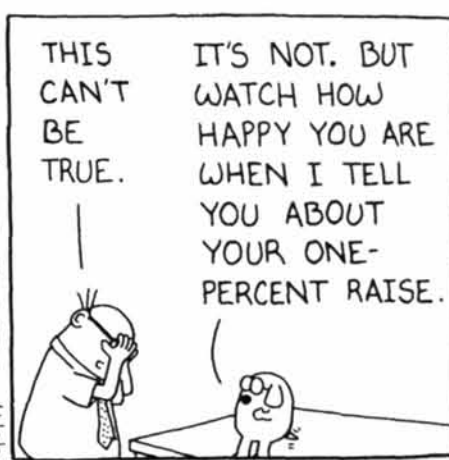
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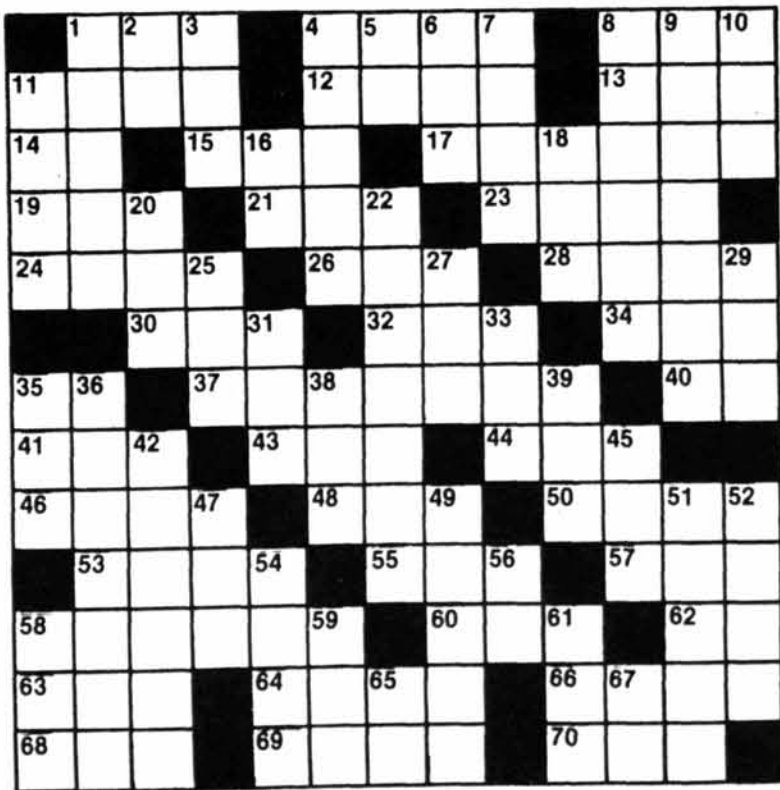
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 - Speaker
 - Direction (abbr.)
 - Pouch
 - Narrative poem
 - On top
 - Day of week (abbr.)
 - Evaporated (abbr.)
 - Squirrel food
 - Prohibit
 - Time zone (abbr.)
 - Two hundred (Roman)
 - Florida bird
 - Old English (abbr.)
 - Inferior
 - Negative prefix
 - Alcoholic drink
 - Circular turn
 - Obtain
 - Top of head
 - Break suddenly
 - Uppermost
 - Bridge term
 - Summer browning
 - Hat
 - Concerning
 - Old (Archaic)
 - Unconscious
 - Prophetic sign
 - Each
 - Bad
 - Cushion
- DOWN
- Happening
 - Tellurium symbol
 - Body appendage
 - Map
 - 7th scale note
 - cetera
 - Mountain (prefix)
 - Belonging to grammar case
 - Edible fruit
 - Meridian (abbr.)
 - Space
 - Verb
 - Gorilla
 - Eternity
 - Shelf container
 - Small dog
 - Tic — toe
 - Private (Brit. abbr.)
 - Number
 - Pester
 - Network (abbr.)
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 - First garden
 - Step
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COMMENCEMENT ICSSPECIAL

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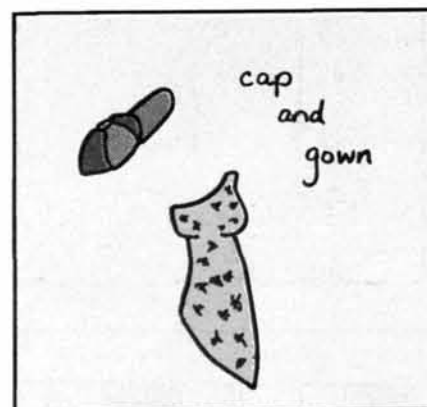
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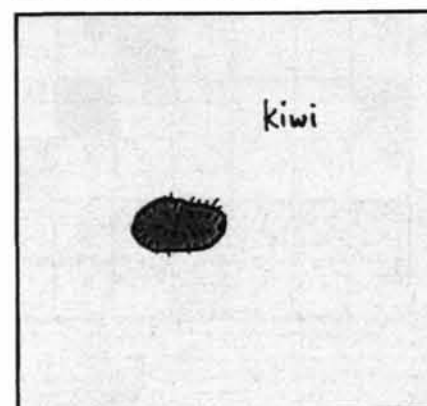
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Noun Poetry



Technique '97



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ROTC Report Emphasizes Reinsurance

By Zareena Hussain
ASSOCIATE NEWS EDITOR

The ROTC Implementation Team, charged with creating a modified ROTC program at MIT and promoting changes in current national policy which discriminates against homosexuals, released its annual report at the May 21 faculty meeting.

The report summarized the team's progress during the past year, highlighting the Committee on Undergraduate Admissions and Financial Aid approval of MIT's reinsurance policy, which provides financial support to students disenrolled from ROTC due to their sexual orientation. The report also discussed the team's work toward a modified ROTC program which centered on proposed changes in the Institute's Air Force ROTC program.

The report also acknowledged the continued discrimination within the ROTC program. "There is no progress in ending discrimination within the ROTC program since the faculty vote in April 1996. The legal barriers still exist," the report said.

In 1996, the faculty called for the creation of a modified ROTC program to be open to all qualified MIT students as well as a supplemental financial aid package for those who lose ROTC scholarships as a result of their sexual orientation.

Team will focus on AFROTC

The team decided to propose a set of modifications to the Air Force ROTC program, according to the report.

"We had to start somewhere. It wouldn't have been prudent to do all three [Army, Navy, Air Force] at once," said Sarah E. Gallop, assistant for government relations and spokesperson for the team.

"Our goal is to develop a program that centers on leadership, team-building, and other personal skills that are consistent with our goals for undergraduate education. This thrust is consistent with other campus initiatives to develop leadership skills among our students," the report said.

"It's a tremendous opportunity for MIT," said Air Force ROTC Director William D. Rutley, referring to the potential to create an inclusive model for ROTC while working within the current law.

Most other campuses with ROTC programs have made little effort towards eliminating discrimination, the report said, and noted that two schools had taken steps backwards. Two schools in the University of California system that had banned ROTC from their campuses have reinstated the programs.

In addition, MIT's attempts to alter the ROTC program legally have yet to bear fruit. All cases challenging the federal "don't ask, don't tell, don't pursue" law remain at federal circuit courts. One case was appealed to the U.S. Supreme Court after the law was upheld at the level of the federal circuit court, but the court declined to hear the appeal.

Legal initiatives remain 'dormant'

Three cases within California's 9th U.S.

Circuit Court of Appeals are likely to result in a ruling that the federal policy is unconstitutional. When there are conflicting rulings within the federal circuit courts, the Supreme Court is more likely to hear an appeal, Gallop said.

"When a case reaches the level of the Supreme Court, you'll see a quick mobilization between lobbyists and schools to file an 'amicus' brief," Gallop said. "Amicus", or friend of the court, briefs may be filed by any interested party wishing to express an opinion to the court. The brief would most likely be filed under the leadership of the American Council on Education, Gallop said.

"The reality of this issue right now is that it's dormant. It's just not on the radar screen in Congress," Gallop said.

Associate Provost Philip L. Clay and Professor of Ocean Engineering J. Kim Vandiver PhD '75, who serve on the implementation team, met with the Lesbian, Bisexual, Gay and Transgender Issues Group as part of its broadened charge to better the climate for homosexuals on campus.

"We don't have any specific activities or plans, or even ideas yet," to better the acceptance climate on campus, Gallop said.

"When they get around to doing these things the LGBT Issues group will help," said group member Adrian Banard G. "There's still a lot of distrust in the queer community. It's because they haven't done anything yet," he said.

Armed Robberies Unusual For MIT

Robbery, from Page 1

took place is fairly centrally located. It is at the foot of the stairs in to the basement and is next to the video arcade.

"We don't want people to feel they cannot use the restrooms," Glavin said.

Some women's restrooms are locked at night on a regular basis, Glavin said.

'I was scared, terrified'

At 9 p.m. Monday evening, Chuang entered the women's restroom in the Student Center basement. Chuang said that she didn't notice anything unusual at first. "It looked like it always looked," she said.

While using the restroom Chuang said that she "saw some shadows in the next stall. I thought it was strange because the person was making no noise and the person had come in before me."

After Chuang flushed, she said that she was confronted by the assailant. "I didn't have much time to think. He said something like 'Give me your money.' I screamed for about two to three seconds. While I was screaming, he placed his hand over my mouth to try to stifle me, but he wasn't completely successful."

"I was scared, terrified. I didn't know what to do," she said. "Eventually I stopped struggling because I realized it wasn't doing much. I remembered what people always said: to cooperate and give him everything."

"After that, he turned me around so that my back was to the door and pushed something kind of small and sharp against my back," she said. The robber took roughly \$18 in cash, an inexpensive watch, a gold bracelet valued at \$300, and a \$75 pendant, Chuang said.

Just then, Cindy W. Tom '97 entered the restroom. The room "was really quiet," Tom said. She saw two pairs of feet in one of the stalls and thought that "it might be a couple making out."

The robber "locked the stall door and said something like 'Don't talk or I'll kill you,'" Chuang said.

"I made a quick decision based on the fact that he wasn't big, he wasn't serious, and that any weapon he had wasn't going to do serious damage to me," she said. "I decided to yell again. I yelled 'Help! I'm being robbed, call the police now!'"

Tom quickly left the bathroom and called the Campus Police on a nearby phone. The robber fed the bathroom, running down the hallway next to the dry cleaners, Tom said.

"I contemplated chasing after him, but decided not to," Chuang said.

"I am freaked out, not so much by what happened, but by the fact that I go to those bathrooms a lot, the fact that a lot of other girls do too, and the fact that it was 9 p.m. and in the Student Center."

"You always think it's safe," Tom said. "Everybody goes to the Student Center late at night."

"We're all really innocent until something like this happens," Tom said.

Police mount response

The Campus Police response was "substantial," Glavin said. At least seven or eight officers responded to the initial call for help, including officers in cruisers, on motorcycles, and on foot patrol.

The CPs mounted a "fairly inten-

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— Benjamin Franklin

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R/O 1997 To Feature Altered Dinners, Letters, Messaging

By Douglas E. Heimbarger
ASSOCIATE NEWS EDITOR

As more than 2,000 undergraduate and graduate students prepare to graduate today, changes are underway that will significantly affect the programs which will introduce the next class to the Institute in late August.

Changes to R/O week and its residence selection period, or Rush, will change the dynamics of the period. Thursday Night Dinners, a period when upperclassmen take freshman out to dinner, will be postponed and renamed Thursday Night Out on the Town, according to Elizabeth Coligriano, who directs R/O week in the office of Undergraduate Academic Affairs.

Pushing back the evening's activities by one hour, to 7:00 p.m., will allow freshman to attend a new "freshman barbeque", Coligriano said.

The barbeque, which will occur in the Kresge Oval and barbeque pits area, will feature hot dogs, hamburgers, and other light dinner items, said Associate Dean for Residence and Campus Activities Margaret H. Jablonski. "The idea is to do some event that creates unity [among the freshman class] on Thursday night."

During the activity, freshman will remain with their Move Off Your Assumptions groups and talk about "life issues and social things that as a freshman you haven't had a chance to talk about," Coligriano said.

Last year, freshman participated in Tech Trek, a scavenger hunt through the campus for prizes. "The concept of Tech Trek was really neat," Coligriano said, but practical details made the event difficult to organize and it has been discontinued this year.

MOYA counselors will be instructed in how to discuss issues like Rush and the Thursday night activities, Coligriano said. "There are a lot of students here who are 15 or 16 years old. Students are a little worried about leaving the campus."

Upperclass activities to change

Following the freshman barbeque, freshman will enter Johnson Athletic Center for the slightly changed Thursday Night Dinners.

In the past, groups of upperclassmen from living groups and activities recruited groups of freshman to go to dinner at various Boston-area establishments.

Because freshman will have had a light meal before the upperclass activities this year, groups will have the opportunity to go to other locations like movies, ice cream shops, or nightclubs such as Jillians, said Jorje F. Rodriguez '98, the Inter Fraternity Council's Rush Chair.

"The barbeque is not meant to be big," said Assistant Dean for Residence and Campus Activities and Advisor to Fraternities, Sororities, and Independent Living Groups Neal H. Dorow.

Upperclassmen will still have the option of taking freshman to dinner, however. Freshmen "are still going to go out and eat," Coligriano said.

As in previous years, upperclass students will be required to have freshman back on campus by 10:30 p.m., in order to allow them to prepare for the Freshman Essay Evaluation and Math Diagnostic the following morning, Coligriano said.

Sororities' letters more visible

One of the most visible changes to R/O this year will be the increased presence of living group letters. In past years sorority letters have been confined to group's rush rooms, however this year sorority members can wear their letters before and during rush anywhere on campus, Jablonski said.

In addition, the rules prohibiting sorority members from talking to freshman outside their rush rooms has been revoked, Jablonski said. "Upperclass women will be able to talk to freshman women about anything in general," provided it does not relate to rushing a specific sorority, she said.

The new policies will also "help communication and cooperation between sororities," Jablonski said. "Our hope is that trust [between sororities] will grow out of the change."

ILGs with female members also fall under the new policy, said Jorge F. Rodriguez '98, the IFC's rush chair. The IFC hopes that "we might get a higher ratio of females rushing" sororities or ILGs, despite the drop in the number of females attending MIT, Rodriguez said. While 42 percent of the Class of 2000 was female, only 38 percent of the Class of 2001 is.

Like all other students, sorority members will be prohibited from wearing their letters during Killian Kick-Off and when working at official R/O events or facilities like the R/O center, Coligriano said.

Frosh to utilize messaging system

For the first time in over twenty years, freshman will not be tracked by a centralized system as they visit dormitories and ILGs.

Clearinghouse, the computerized tracking system that has been used for several years, is being scrapped in favor of an optional freshman messaging system, Rodriguez said. Only fraternities participated in Clearinghouse last year following the decision by the Dormitory Council to withdraw from the system.

When freshmen are in dormito-

ries and in fraternities, they will have the option of logging onto the "freshman messaging system," which will allow them to then read mail from fraternities, parents, and institute officials, Rodriguez said.

The new system "satisfies what the dormitory council wanted to see out of it," Rodriguez said. The dormitories maintained that "the fact that all freshman had to go through Clearinghouse violated the right of the freshmen to decide whether they wanted to go through rush or not," he said.

Last year, FSILGs could send messages to freshman through their temporary dormitories only.

The new system is "going to protect the freshmen," said Next House Rush Chair Eric D. Nielsen '99. "It sounds like it should actually be easier for us than last year's system."

Members of the dormitory council were unavailable for comment.

Dorm rush to begin Saturday

Last year, several dormitories began full-fledged rush events before the official beginning of dormitory rush, which occurs one day after the beginning of FSILG rush.

The Dormitory Council, in cooperation with RCA, changed the rush rules last year to allow dormitories to hold small activities for those temporarily housed in their dormitory, Jablonski said. "If McCormick [Hall] wants to have an ice cream social on Friday night, that's fine," she said.

However, miscommunication between RCA and dormitories resulted in many more activities than were intended, Jablonski said. "East Campus went and covered Lobby 7" with posters for Friday events which could not be advertised under the policy, she said.

This year, dormitory rush chairs are more aware of the policies, Jablonski said. Events for temporary residents before Saturday's start of dormitory rush are "not going to be in the Daily Confusion," the daily listing of activities during rush.

The delay of dormitory rush encourages "people to visit the 40 or so ILGs available," Jablonski said. Dormitories do not need to worry about finding an adequate number of freshman but ILGs do, she said.

"We have seen a lot of people who came to campus saying they didn't want to live in ILGs ending up finding a place that fits their needs" that might not happen if dormitory rush began immediately, Jablonski said.

"The policy as far as we know is we still can have events but we just can't poster for them in advance," Nielsen said. The policies help both dormitories and ILGs.

Dan McGuire contributed to the reporting of this story.

STOP HORISING AROUND

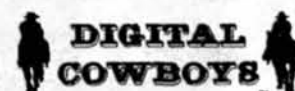


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POLICE LOG

The following incidents were reported to the Campus Police between May 11 and June 4:

May 11: Bldg. W85, three juveniles arrested for trespassing; Westgate lot, attempted larceny of 1986 Isuzu Trooper; Killian Hall, cash stolen from wallet, \$80.

May 12: Bldg. E51, harassing phone call; Westgate, bicycle that appeared to be stolen recovered, unknown owner.

May 13: Bldg. 4, wallet stolen, \$31; New House, harassment; Student Center plaza, bicycle stolen, \$75; Bldg. 68, 1) backpack and contents stolen, \$196; 2) suspicious activity to a data drive.

May 14: Women's Independent Living Group, suspicious activity.

May 16: Bldg. E18, tools stolen, \$350; Rear of Bldg. NW12, suspicious activity.

May 17: East Campus, backpack stolen, \$150; Ashdown, graffiti; Student Center, bike stolen, \$20; Bldg. 7, tools stolen, \$50.

May 18: Student Center, backpack with passport stolen, \$100.

May 19: Bldg. 56, bike stolen, \$325; Bldg. E34, handbag stolen, \$50; Bldg. 5, annoying e-mail; Briggs Field, gym bag stolen, \$5.

May 20: Bldg. 18, wallet, stolen, \$175; Bldg. E23, suspicious activity; Hayden Library, two backpacks stolen, 1) \$50, 2) \$140.

May 21: Student Center, money order stolen, \$60; Bldg. 7, assault between persons known to each other.

May 22: Bldg. 3, suspicious activity; Student Center, cash stolen, \$100; Bldg. 20, refrigerator stolen, \$160; Baker House, backpack stolen, \$40.

May 23: Bldg. 54, suspicious activity; Student Center, cash stolen, \$150; Westgate, Yanwu Zhang G, of 796 Main St., Cambridge, arrested for domestic assault.

May 24: East Campus and Senior House, noise complaints; Bldg. E17, computer stolen, unknown value.

May 25: Tang Hall, several items stolen; \$235; Baker, suspicious activity; Bldg. 18, wallet stolen, \$40.

May 26: Tang Hall, backpack stolen, \$25.

May 27: Memorial Drive, report of suspicious person, State Police arrest same.

May 28: Bldg. NW14, refrigerator stolen, \$400; Bldg. 18, annoying phone calls; Bldg. 18, attempted larceny; Albany Street, general assist.

May 29: Killian Court, ladder stolen, \$150; Bldg. 3, harassment; Alpha Delta Phi, VCR/receiver stolen, \$550.

May 30: MacGregor, harassing e-mail.

May 31: Sloan lot, tires stolen from Honda Accord.

June 1: Sloan lot, two Honda Accords broken into, 1) tires stolen, 2) spare and jack stolen recovered on first vehicle; Bldg. E18, report of suspicious person.

June 2: Bldg. 20, computer stolen, \$4,000; Bldg. 4, video camera stolen, \$1,500; Hayward St., bicycle stolen, \$90; 33 Mass Ave, bicycle stolen from rack, \$290; Bldg. NE43, computer parts stolen, unknown value; Student Center basement women's restroom, armed robbery, \$18 cash taken, victim screamed and suspect fled the area; Bldg. 7, graffiti.

June 3: Bldg. 12, vacuum cleaner stolen, \$250; Bldg. 9, case of coffee stolen, \$150; Burton bicycle rack, bicycle stolen, \$250; Bldg. E51, malicious damage; Bldg. 56, James Demetrius, of the Woodmullen Shelter, Boston, arrested for receiving stolen property and other related charges; Bldg. 18, backpack containing checkbook stolen, \$20; Next House, Zhao Meng Meng, of 201 Pleasant St., Arlington, arrested for threats and other related charges; Tang Hall, 1) jewelry and cash stolen, \$240, 2) computer and compact discs stolen, \$1,575; Delta Psi, 1) camera stolen, \$500, 2) necklace stolen, \$50.

June 4: Bldg. 14, fax machine stolen, \$295; Alumni pool, watch, soap and \$10 cash stolen, \$50; Bldg. 5, annoying phone calls; Bldg. W11, motorcycle stolen, \$7,500; East Campus courtyard, tools stolen, \$150.



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UN Secretary-General Annan Has Long Diplomatic History

By Dan McGuire
NEWS EDITOR

Kofi A. Annan SM '72, the seventh secretary-general of the United Nations and this year's Commencement speaker, has led a remarkably intriguing life. His studies have brought him from his home in Ghana to St. Paul, Minnesota, Geneva, Switzerland, and to MIT.

After a year at MIT as a Sloan Fellow, Annan graduated from MIT in 1972 with a master's degree in management. Annan worked his way up through the ranks of the international civil service to hold important positions in the United Nations, overseeing offices in both the administrative side of the UN and in the organization's peace

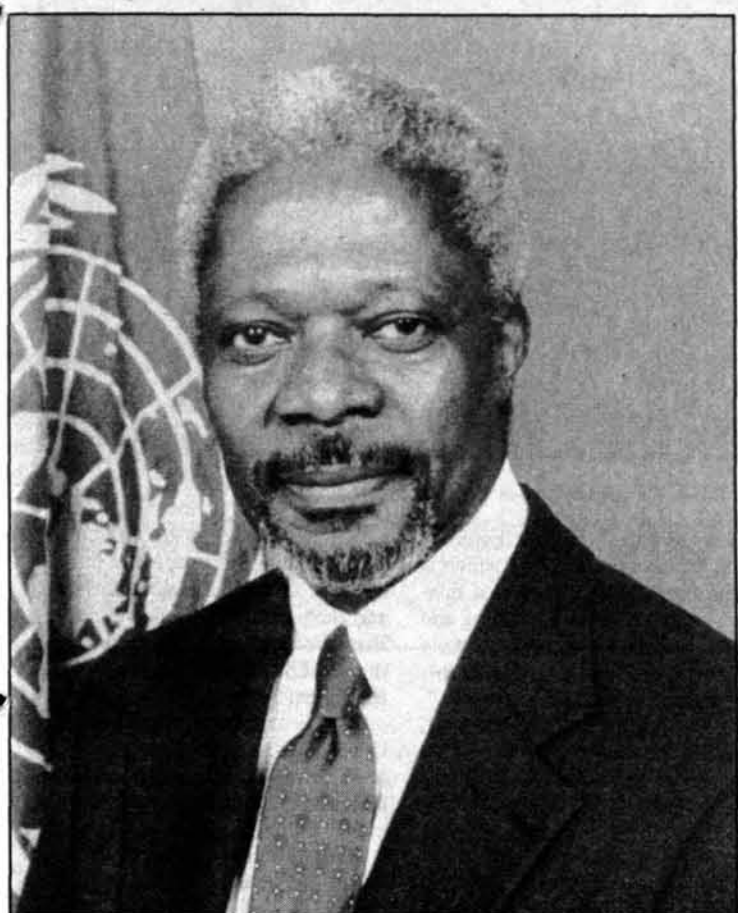
keeping operations. In the former Yugoslavia, Annan supervised the change from the United Nations-led Protection force to the NATO-led Implementation Force in accordance with the 1995 Dayton peace agreement.

Annan also negotiated the release of more than 900 international staff and Western hostages held in Iraq following that country's invasion of Kuwait in 1990. He also initiated discussions on the "oil-for-food" formula to ease the recent humanitarian crisis in Iraq.

Most recently, Annan served as under-secretary-general for peace-keeping operations, overseeing them during a time of explosive growth in UN-mediated compromises and international cooperation. Twenty-six of the 41 peace-keeping operations organized by the UN during its existence have been undertaken since 1989.

Annan has also been involved in the day-to-day administrative operations of the United Nations. He served as the assistant secretary-general for program planning, budget, and finance, as the assistant secretary-general for human resources management and as the security coordinator for the United Nations system.

Annan was born in Ghana in 1938 and attended the University of Science and Technology in Kumasi, Ghana. He completed his undergraduate work at Macalester College in St. Paul, Minnesota, graduating in 1961 with a degree in economics. He pursued graduate courses at the Institut universitaire des hautes études internationales in Geneva before coming to MIT in 1971.



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Kofi A. Annan SM '72

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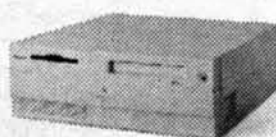
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John Deutch: From the CIA to 5.60 in One Year

By Stacey E. Blau
OPINION EDITOR

Institute Professor John M. Deutch '61 returned to MIT in January after a four-year stint in Washington that began with the No. 3 position in the Department of

Feature

Defense and culminated in his appointment to the helm of the Central Intelligence Agency.

And just what does Deutch make of his time in Washington?

"Have you ever seen the movie *Papillon* with Steve McQueen?" he asks. "Being back at MIT feels like an escape from Devil's Island," he says, alluding to the movie's prison setting, where inhumanity and brutality rule.

"Being in Washington is very interesting, very stimulating, but also very full of stress," Deutch says. "So after a four-year period in Washington working on significant issues, getting back to a life of more normal day-to-day activity is very welcome."

Deutch, who continues to work in the Department of Chemistry, has been far from idle since his return to MIT. He has started to get involved in research again and has recently thrown himself into a scholarly controversy about solution chemistry and the interpretation of solution measurements in terms of molecular parameters. He also has been traveling and giving speeches about foreign policy around the country.

This past term, Deutch made a guest lecture appearance in Thermodynamics and Kinetics (5.60), a class he will be teaching next spring. He promises to make the class "the best presentation of 5.60 in 10 or 15 years. I hope to make it more lively — maybe get one of the sessions carried on C-SPAN."

In the fall, he will be a lecturer for a subject called Application of Technology, an engineering school-wide elective that will discuss the technical, economic, political, and environmental issues related to applied technology.

"It's mainly intended to be a course to give science and engineering undergraduate students a view of what it takes to make technology work in society," Deutch says.

MIT is a changed place

Deutch left the Institute in 1992 to become under secretary for acquisition in the Department of Defense. In 1994, he was promoted to deputy secretary of defense, the No. 2 job at the Pentagon.

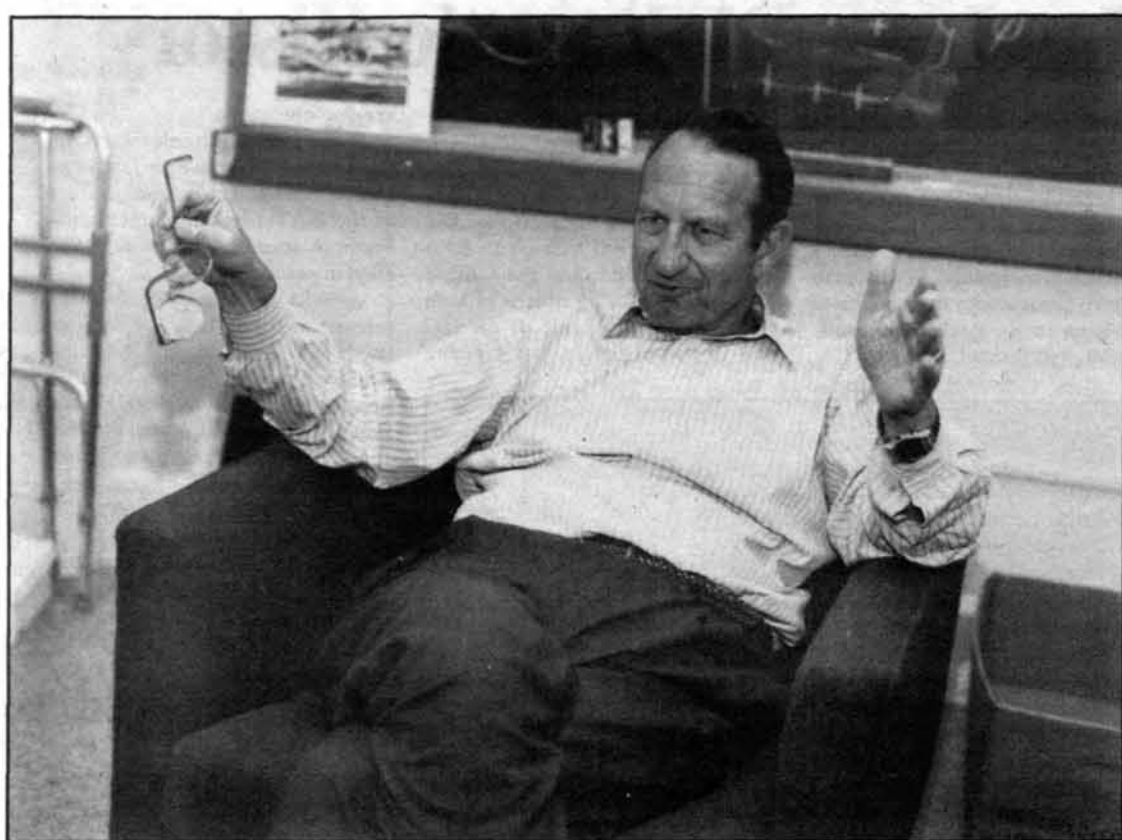
In 1990, just two years before Deutch left for Washington, he had concluded a five-year term as MIT's provost under then-President Paul E. Gray '54. (For the record, seven years after the fact, his nickname is still "Provost" according to his finger info on Athena.)

Deutch says he finds MIT a changed place after four years.

"I'm surprised at how many changes there have been in the four years that I've been away," he says. A number of initiatives represent excellent and welcome changes, like the early retirement program, intended to encourage staff to retire and to allow a renewal of the faculty by making room for new junior faculty.

Deutch also praises the consolidation of student-related offices into the Dean's Office — a process begun during his tenure as provost — and the progress MIT has made toward welcoming toward diversity — another initiative that was important to him when he was provost.

As provost, Deutch was involved heavily in student affairs — an area that typically tends not to get much attention from the provost. Provosts



John M. Deutch '61

are usually kept busy with research funding and administrative duties and more often than not find themselves on a plane to Washington.

"The issues that that I was involved in when I was provost were issues that were important to both Paul Gray and myself — issues of harassment, women's issues, housing issues," Deutch says. "All of these, I thought, were most important for maintaining and improving the educational climate at MIT."

Deutch's term as provost also saw the institution of several new humanities minors and science requirement changes.

During Deutch's term, the controversial Freshman Housing Committee chaired by Professor of Psychology Mary C. Potter released its report recommending that all freshmen be required to live on campus in dormitories and wait until the end of their first year to choose independent living groups or permanent dormitories.

"I'm still a great believer that we should have at least all freshmen living on campus," Deutch said.

But the Potter committee's recommendations met with a severe backlash from segments of the MIT community who believed that the plan would spell doom for MIT's fraternity system. The plan, obviously, was never implemented.

Still, Deutch rejects the idea that MIT often does not carry through on the big projects it sets out for itself.

He says that the new Task Force on Student Life and Learning, which is examining MIT's educational mission, "promises to be interesting and thorough. I think it's a very timely task force to have, and I look forward to seeing what [it] has to say."

Deutch says that re-engineering, the Institute's sometimes-criticized ongoing effort to reduce the costs and complexity of MIT's administrative and other processes, represents a worthy goal.

"I'm not as familiar with re-engineering as I am with some of these other matters, but from what I have been able to detect, I think it has a bad rap with the faculty," Deutch says.

"The characterization that re-engineering is just a slogan that has proven to be very costly misses the point," he says. "We have a responsibility to continuously examine what we do and how we do it to ensure that we get the best value for our dollar."

"Even if it's been done wrong," Deutch says, "the objective is a worthy one." Long-term decision-making processes like re-engineering are often drawn out, usually because achieving a consensus on issues is difficult, he says.

"Well, there's nothing that I like better than fascism myself," Deutch says only half-wryly about decision-making. But achieving consensus is also important, if time-consuming, he says.

Deutch sometimes found himself

a target of criticism for his closed decision-making processes during his time as provost, particularly his and then-Dean of Science Gene M. Brown's 1988 decision to dissolve the Department of Applied Biological Sciences, Course XX.

One continuing concern that Deutch has about MIT is that it too often turns inward and does not go after the more global projects that embrace things outside MIT.

Deutch cites Project Athena and programs like Leaders for Manufacturing as type of large-scale, global projects that MIT should be more involved in.

"One thing which I think is important about MIT is our ability to do things on the national and global scale," Deutch says. "I would argue that we're not doing enough of that."

Deutch notes the involvement of Institute Professor David Baltimore '61 in a national committee to find a vaccine for AIDS as the most recent "example of what we should be doing more of — improv[ing] the world rather than just improving our world."

Washington rumors exaggerated

Deutch says that rumors that he may expand his activities back into Washington "are greatly exaggerated" but would say nothing more about the truth of the rumors. For now, Deutch is limiting his involvement to advisory roles. He also has

Deutch, Page 25

Armed Robberies Infrequent on Campus

By Daniel C. Stevenson
CHAIRMAN

In general, only one or two armed robberies happen on or near the MIT campus each year. Since the murder of Yngve K. Raustein '94 in September 1992, the most serious crime at MIT in decades, there have been five reported armed robberies on-campus and another 11 off-campus, according to Campus Police reports and *The Tech* files.

Sept. 20, 1992: A female freshman was assaulted on Albany Street near Massachusetts Avenue at 6:30 p.m. (off-campus)

Oct. 14, 1992: Four people were robbed at gunpoint near the Nuclear Reactor Laboratory (NW12) at 9:15 p.m. (off-campus)

Nov. 7, 1992: A male student was robbed at gunpoint on the Harvard Bridge at 7:30 p.m. (off-campus)

Dec. 17, 1992: A student was approached between Buildings 9 and 13 by a male who demanded money. As the victim fled his coat was slashed.

Apr. 25, 1993: A student was robbed at gunpoint on Memorial Drive, in the area of Building 1, at 12:30 a.m. (off-campus)

Oct. 16, 1993: A student was the victim of an attempted robbery at gunpoint on Vassar Street by Building 20 at 9:30 p.m. (off-campus)

Oct. 17, 1993: There were two incidents (on Amherst Alley and between Buildings 54 and 66) around 2:30 a.m. involving two males on bicycles who showed a small handgun and demanded money. In both cases, the robbers fled after the victims gave them money.

Oct. 19, 1993: A male showed a small knife and took the victim's wallet near Ashdown House at 2:30 a.m.

Dec. 10, 1993: Two students were robbed at knife point near Huntington Hall, a building on Longwood Avenue in Boston used at the time by MIT as a dormitory. (off-campus)

April 10, 1994: A male student was threatened at 10:45 p.m. with an unseen gun and robbed near Pearl Street and Massachusetts Avenue. (off-campus)

Sept. 23, 1994: A male student was robbed at a Kendall Square ATM at 5 p.m. (off-campus)

Jan. 23, 1995: A man approached a student on the Harvard Bridge, threatened him with an unseen gun, and fled with \$40. (off-campus)

Jan. 17, 1996: An MIT employee was mugged on Wadsworth Street near Kendall Square at 6:30 a.m. (off-campus)

June 2, 1996: The victim claimed he was robbed at knife point at the ATM on the corner of Massachusetts Avenue and Vassar Street. According to the Campus Police, "an investigation by Cambridge Police and BayBank security determined the complaint unfounded." (off-campus)

Sept. 11, 1996: At 3:50 p.m., three people on bicycles threatened a student on Amherst Alley with an unseen weapon and stole his bicycle.

CPs, Cambridge Police Respond To Armed Robbery on Campus

Robbery, from Page 18

sive" search but failed to find the suspect, Glavin said. Given the time of day and the proximity of the Student Center to Massachusetts Avenue and Vassar Street, the suspect likely fled the scene, she said.

The CPs remain vigilant and are watching the Student Center area in particular, since sometimes a suspect will return to the same place, Glavin said.

The Campus Police notified the Cambridge Police of the incident and has given them the description of the suspect.

Awareness important

"This does serve as a reminder that you have to be very careful where you are" and what time of day it is, Glavin said.

"People should be careful late at night" and should consider going to the bathroom and other secluded locations in groups, she said.

"You hate to alter your lifestyle that way, but sometimes that's the

wise thing to do, at least for the time being," she said.

Glavin said that Chuang's initial response to the situation was correct. In an armed robbery situation, "any time that someone is demanding your property, turn it over," Glavin said.

Although it is difficult to tell if the person has a weapon if they don't show it, their mindset or specific wants may be more dangerous than any possible weapon, she said.

In addition, "yelling is not necessarily a bad thing," Glavin said, although one must be cautious. "Judge the situation. If nobody is around nobody is going to hear you," she said.

Crime prevention resources

The Campus Police coordinate a number of crime prevention programs, said Sgt. Cheryl deJong Vossmer, crime prevention coordinator for the Campus Police.

The CPs offer a free escort service to anybody working late on

campus who feels unsafe walking home, Vossmer said.

It is also important for people to be aware of the resources available to them, Vossmer said. MIT makes emergency phones, the Campus Police phone number (100 for emergencies), Safe Ride, and the escort service to alleviate immediate concerns.

For longer-term safety, the Campus Police also offer training and education like the Rape Aggression Defense course, Vossmer said.

The RAD course is designed to help women learn to be self-dependent and teaches them a range of skills and options, Vossmer said.

Glavin advised against using defensive measures without proper training. Mace and capicum (pepper spray) are illegal in Massachusetts.

Instead, students should carry a whistle or even a flashlight, and if someone hears a whistle, they should immediately call the police, Vossmer said.

Alums can Take Advantage Of Permanent E-Mail Forwarding

By Douglas E. Helmburger
ASSOCIATE NEWS EDITOR

While those graduating today will soon lose their Athena accounts they will still be able to keep touch with one another by using a permanent e-mail address at MIT made available by Alumni Network Services' e-mail Forwarding for Life service.

The new e-mail addresses will have the suffix "@alum.mit.edu" instead of the "@mit.edu" that graces the end of electronic mail addresses held by students, faculty, and staff.

The e-mail forwarding service was first made available last fall and has already been used by more than 5,000 alumni and alumnae of MIT, said Margaret Bruzelius, director of Alumni Network Services. "The service makes it easy to stay in touch with friends, colleagues, and the Institute."

Seniors and others wishing to create an e-mail forwarding address can visit <http://web.mit.edu/alum/ans> to initiate the process.

Unlike normal Internet service providers or MIT's Athena network, which store mail on a hard drive for users to collect, e-mail forwarding

services are designed only to redirect messages to another e-mail address. However, while other e-mail addresses may come and go, an address through Alumni Network Services will have the advantage of permanence, she said. "They only have to give their address once to their friends and colleagues," she added.

Alumni will choose a user name, which can contain up to 20 characters. "Graduating students could use their Athena account name if it isn't already taken by someone else," Bruzelius said.

While e-mail forwarding will prove useful, there is little chance that alumni will eventually receive full access to Athena, Bruzelius said. "Financially, it would be an incredible investment," she said.

To ensure security, the system uses personal certificates similar to those used in MIT's WebSIS student information system. The technology ensures the privacy of alumni mailing information, Bruzelius said.

Other services planned for future

While e-mail forwarding is one of the first services to be offered by alumni network services, it will not be the last, Bruzelius said.

Alumni can already take advantage of a directory assistance program to find the e-mail addresses of other alumni. The service is being upgraded to a more comprehensive directory, she said.

Between now and September, alumni network services plans to supplement electronic mail services with electronic chat and conferencing programs.

"We envision offering virtual club meetings, seminars, reunions, and more, making possible the inclusion of many people who cannot make the trip to Cambridge," Bruzelius said.

The conferencing system, which will use a secure site already created on the World Wide Web, will not interact with Athena's Zephyr service. "It's totally independent. It will be alumni talking with alumni and recent grads and things like that," Bruzelius said.

However, there are some plans to include undergraduates in the conferencing system, she said. "Ideally, it would be great if when you get your Athena address you could also get your e-mail forwarding address," she said. "Then you could take advantage of these services from day one," she said.

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The MIT club of Northern California is the premier regional alumni club of the Massachusetts Institute of Technology. The Club offers tremendous resources for entrepreneurship, career development, and professional network in the Bay Area. In addition, the Club provides many opportunities for social interaction among MIT alumni and other alumni from similar university clubs.

David Baltimore to Serve as Caltech's 6th President

Baltimore, from Page 1

him a significant role in scientific policy on a national level. President Bill Clinton appointed Baltimore the chairman of the AIDS Vaccine Research Committee of the National Institutes of Health. He plans to continue in that post while president of Caltech.

Baltimore's academic administrative experience includes a stint as president of Rockefeller University in Rochester, NY. However, in 1991, after 18 months on the job, Baltimore was forced to step down amid mounting criticism over his staunch defense of former research associate — former Associate Professor of Biology Thereza Imanishi-Kari — who was accused of fabricating data for a 1986 paper in the Biology journal *Cell*.

Last June, however, a federal panel cleared Imanishi-Kari of any wrongdoing, vindicating Baltimore's stance.

Caltech looks for a leader

In Baltimore, Caltech hopes to find a president who will give the school "leadership in making decisions about what a school like Caltech does in a changing world," said Kip Thorne, Caltech's Feynman professor of physics and chair of the faculty's presidential search committee.

Research schools like Caltech and MIT are increasingly facing a number of major issues — among them changing patterns research funding, the relationship between universities and industry, and the public's often negative perception of universities and the cost of education, Thorne said.

Caltech's aim was to find someone who understood these changes,

Thorne said, because the next 10 years will be crucial ones for research universities to find direction on them.

"We found no one with nearly as great a wisdom about these things than David Baltimore," Thorne said.

Baltimore's history of outspokenness also was a strong point in Caltech's view, he said. Caltech is typically a very inward-directed school with roots in pure physical sciences research and it is looking to gain a more external presence and point of view, Thorne said.

Baltimore has played a role in a large number of national science policy debates in biology over the past 30 years, from the safety of genetic engineering and the implications of the Human Genome Project to the search for a cure to AIDS.

He also has been involved in biotechnology interests, experience that could give Caltech an edge in the development of a proposed industrial park for high-technology companies in Pasadena, where Caltech is located.

The Los Angeles area lags behind Cambridge and Silicon Valley in "developing high-tech industry, particularly biotechnology," Thorne said, although he said that this was not a primary consideration in Baltimore's selection.

"A campus should be a center of economic development as well as a center of intellectual development," Baltimore said. "I would like to see more industry develop, although I don't know if the industrial park is necessarily the answer."

Baltimore is the school's first president not to come from the physical sciences. "That was no accident," Baltimore said. Caltech had begun initiatives in the biological sciences before they ever considered

Baltimore as a candidate for the school's presidency and will continue pursuits in that area, he said.

"I believe David will begin a change in Caltech to be a broader place," Sharp said, although "this will not be specifically directed to industrial issues."

Baltimore's appointment has won praise at academic and national levels. Thorne said that Caltech's faculty search committee and a committee composed of members of Caltech's board of trustees were unanimous in their support of Baltimore for the school's presidency.

"This was the person the faculty really wanted and the trustees really wanted," Thorne said. "There was complete agreement."

The *Los Angeles Times* weighed in on the issue in an editorial, calling Baltimore's appointment "savvy and significant."

Caltech pursues Baltimore

Baltimore did not actively seek out the presidency at Caltech.

"I did not pursue the position at all. They came and asked me," Baltimore said.

He first interviewed at Caltech for the position in December. The Caltech faculty presented a distinct image of the school that Baltimore found appealing.

He was formally offered the job in April. "I came back and stewed for two weeks" before he and his wife decided to accept, Baltimore said. "It was a very difficult decision." His friends and family are centered on the east coast and beginning life in California will be a big change.

Baltimore will also have to adjust to the inner workings of Caltech. "I've never spent more than a day and a half there," he said.

One of Baltimore's first plans when he moves into his new job is meeting with people and figuring out how the school works, he said.

Caltech, often considered MIT's west coast analog, has a long history of connections to MIT. Several of its founding members and developers of the school's scientific focus were MIT men, including Caltech's first president.

Caltech is far smaller than MIT, however, and has a setting that is a great deal more intimate, Thorne said. Caltech has only 900 undergraduate and 1,100 graduate students, compared to MIT's 4,495 undergraduate and 5,465 graduate students.

Vest said that he and Baltimore "have talked and are both aware of the critical importance of preserving the excellence of MIT and Caltech,

and we hope to work in common cause."

"Caltech and MIT have a number of institutional and faculty collaboration such as LIGO [the Laser Interferometer Gravitational Observatory]," Vest said.

Baltimore will succeed the retiring president of Caltech, Thomas E. Everhart. Baltimore will be the school's sixth president.

Baltimore has long history at MIT

Baltimore has spent the vast part of his career at MIT, where he established himself early on as a leading biomedical researcher and pioneer in virology.

At the age of only 37, Baltimore received the 1975 Nobel Prize in physiology or medicine for the revolutionary discovery of reverse transcriptase, an enzyme essential to the replication of many viruses, including HIV. He was named an Institute professor in 1995 in honor of his achievements.

But his activities have extended into campus life as well. One example was his involvement in MIT protests against the Vietnam War during the 1970s.

"I, like many people, was deeply affected by the Cambodian invasion," Baltimore said. "I was very supportive of the protests against the war."

The seeming inability of the public's protests to compel President Nixon to end the war "became a very deep frustration," Baltimore said.

Protests at MIT were relatively subdued compared to the outbursts of riots at other schools, but at one point MIT was closed down when protesters forced a strike.

"I was proud of the MIT students, who are generally considered to be uninvolved," Baltimore said. "They did their part."

Interestingly, it was at this precise time that Baltimore discovered the reverse transcriptase that would win him the Nobel Prize only a few years later.

"I did about two-days' worth of experiments and then went on strike for two weeks," Baltimore said. "Even though I had these experiments to do... it was more important to be on the streets."

After the strike, Baltimore came back, finished up his work, and sent in the paper that would tell the world about his discovery.

Baltimore recalled fondly his memory of 18

the day he found out he had won the Nobel Prize. He was on sabbatical in New York, and he was awak-

ened by his wife, who phoned him at 6 a.m. from Europe, where the news had already been announced.

"I think I'm the only person in history who has been told he won a Nobel Prize by his wife," he said.

Baltimore's wife, Alice Huang, is a distinguished biologist who has spent the last six years as the dean of science at New York University. Huang will leave her post at NYU to go to California with Baltimore.

Baltimore is originally from Great Neck, NY, a New York City suburb where he grew up. He played tuba in the school band with two other schoolmates — one of whom was Francis Ford Coppola.

After graduating from Swarthmore College, he spent a year as a graduate student at MIT and then left to earn his doctorate at Rockefeller University. He later returned to MIT for post-doctoral work.

Controversy comes to an end

Baltimore's appointment at Caltech comes just under a year since the decision last June that vindicated him and Imanishi-Kari from the *Cell* controversy.

His involvement with the *Cell* controversy, however, was not a consideration in Caltech's selection process, Thorne said.

"It was totally irrelevant," Thorne said. Its only significance was "the extent to which David Baltimore gained greater wisdom from it."

The controversy had tainted his career for a decade, causing bitter clashes on a highly public level. What had originally been a matter of Imanishi-Kari's questionable research data quickly swelled into a thorny and divisive debate over the validity of scientific research.

Baltimore derided the controversy as a witch hunt and believed that some people, like U.S. Representative John Dingell (D-Mich.), were using it unreasonably to call into question government money spent on funding research.

In light of the swirl of controversy around the issue, the faculty of Rockefeller University forced Baltimore to step down from the school's presidency in 1991 after he had served only 18 months.

He continued to serve on their faculty until 1994, when he returned to MIT.

Baltimore said that he was incredibly relieved at the announcement last year that closed the book on the controversy.

Baltimore called the decision "a victory for science and rational

Deutch Looks Back After Return to MIT

Deutch, from Page 22

dealt with some external issues for MIT involving fund raising.

He wrote a column recently for *The New York Times* about the controversy sparked last year by reports in *The San Jose Mercury News* that alleged a link between the CIA and the introduction of crack-cocaine into Los Angeles during the 1980s.

That controversy represented one of the more difficult episodes of Deutch's tenure as director of central intelligence. In general, the post "is absolutely not a fun job," he says. "There are few people who can appreciate how complicated... how difficult it is."

"It's a hugely important and interesting job," Deutch says. "The director of central intelligence's principal responsibility is to give the best advice he or she can to the president of the United States and the senior leadership of the country. I took that very seriously and believe I performed that function effectively."

The job is "a very unpopular" one, Deutch says. He did not initially want the job, which candidates have drifted into and out of with unprecedented frequency during the past few years. Clinton's efforts to coax Deutch into the position received heavy publicity at the time.

"The president had to force me to do it," Deutch says. "He twisted my arm to do it."

The CIA had been facing and continues to face mounting pressure to reform itself, and Deutch took steps toward bringing the agency toward increased openness.

"It's difficult to both encourage change and to support the important activity," specifically the covert activity that the CIA carries out, Deutch says. "It's just hard to do it in a democracy where there's always an understandable tension between clandestine activity and openness."

Deutch is currently serving on a congressional commission on pro-

tecting and reducing secrecy. The committee just released a report, which Deutch is immensely proud of.

Part of the job of director of central intelligence involves the management of intelligence collection and analysis programs, and that aspect of the job is largely concerned with space and reconnaissance technical intelligence, he says.

But there is also another side of the job involving human intelligence collection and covert action, one which involves a very human element that is not often that appreciated, Deutch says.

Return to normalcy or presidency?

For the past several years, rumors have abounded that Deutch wants to become president of MIT — in fact, some newspapers reported that Deutch was hesitant to take the CIA post because he feared it might hurt his chances of becoming MIT's president some day.

Does he still want to be president?

"We have a very good president of MIT," Deutch says. "And after what I've done, I'm not very eager to take on big administrative responsibilities."

Besides, he says, "whoever said I wanted to be president of MIT?"

Deutch says that he is happy to continue the much calmer life he has led since his departure from the CIA. He particularly has enjoyed spending time with his wife Patricia, whom he married just two years ago.

The day they were married, Deutch, feeling unable even to take the rest of the day off, went back to work at the Pentagon at 2 p.m., only two hours after the wedding.

"The president called. He said, 'Is it true that you went out and got married and came back to the office?' he said. 'Why'd you come back to the office?' To take your call, Mr. President."



Iosif L. Bena '97 (right) took first place, and Sergei Krupenin '98 placed fifth in the 3rd Boston Area Undergraduate Physics Competition. Despite its name, participants this year included students from Caltech, Harvard, Northeastern, Princeton, Berkeley, McGill, Wellesley, and MIT. The Harvard and Caltech teams took the top team prizes. MIT came in third in the team count. Problems on the test came from classical mechanics and electromagnetism and were very challenging with scores averaging 16 out of 60.

GABOR CSANYI—THE TECH

By May K. Tse
ASSOCIATE NEWS EDITOR

"The class unity this year has been amazing, better than any year

Tech Week events also include various tours and presentations today, Tech Day tomorrow, and a "Techsas"

This year's Tech Day topic is "Technology at Play," featuring a series of lectures and exhibits throughout the day dealing with the

"There are a lot of fascinating people who are giving presentations," Garvin said. Topics to be discussed include the economics of sports, the architecture of sports facilities, and the physics behind

"Tech Day is our intellectual centerpiece of reunion activities," Garvin said.


mit medical

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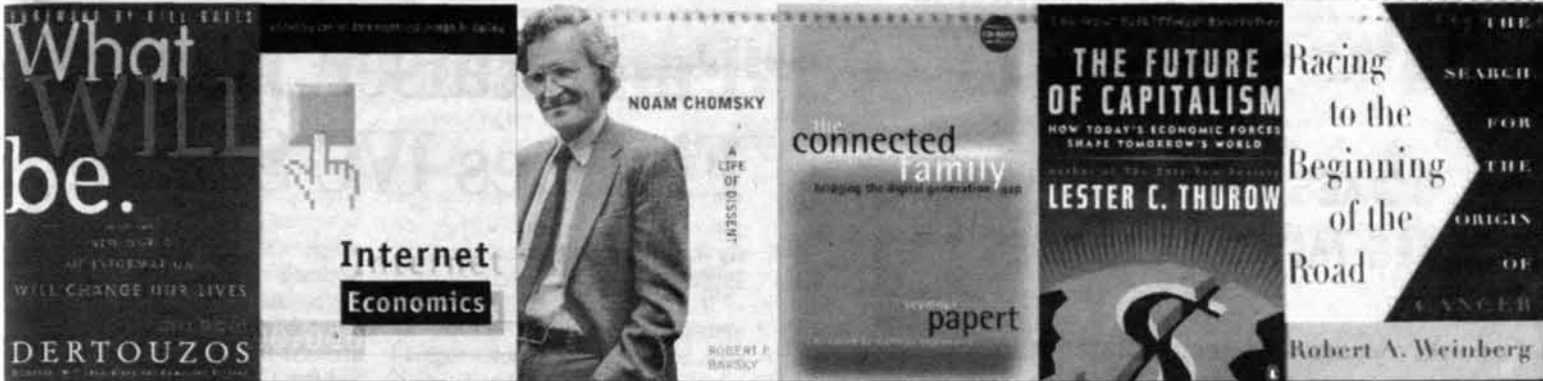
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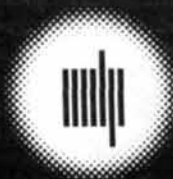
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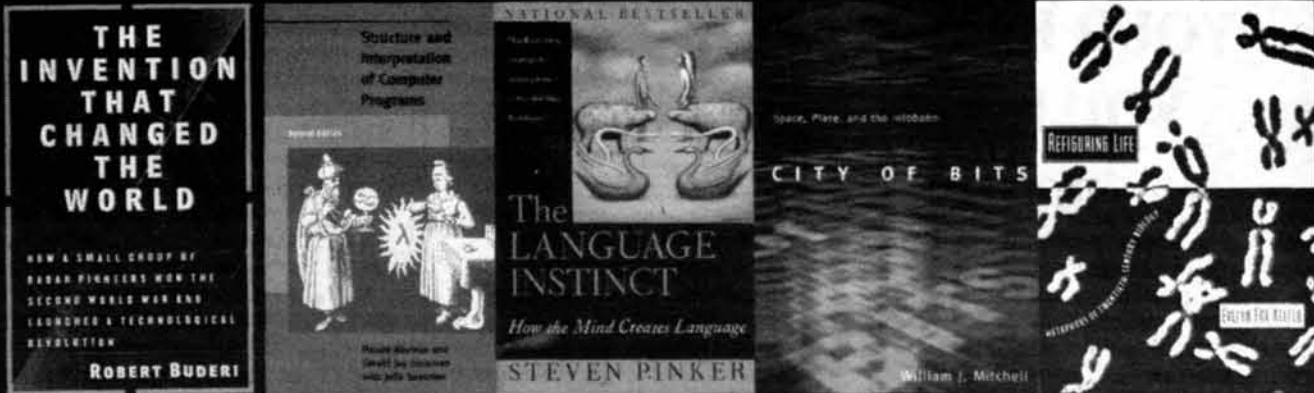
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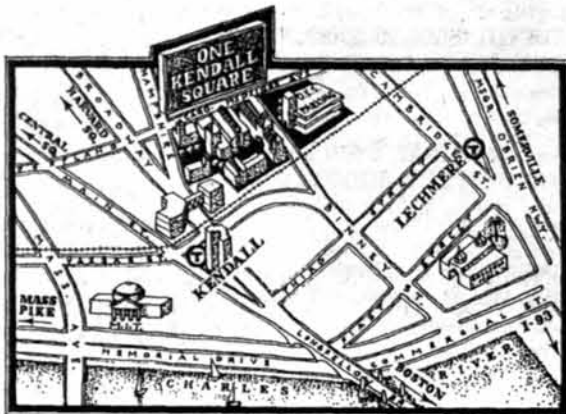
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Fund-Raiser Tourney Finishes IVC Season

By Rad Roberts
TEAM MEMBER

The Intercollegiate volleyball club (IVC) ended its 1997 season with a fund-raising doubles tournament in Rockwell Cage last Sunday. The tournament attracted almost thirty men's and women's A and B level teams from the MIT community.

This year's level of play was very high, especially in the women's divisions. The intensity of play throughout the day was dramatically illustrated in the championship matches for each division. Three of them involved come-from-behind victories.

In the women's B finals, Angela Butts '00 and Kelly Conway G defeated Julie Chung and Marie Castro. The women's A finals pitted Amy Smith and Emily Chang against Darcy Duke and Sarah Billey. Duke and Billey easily won the first game 11-2 and jumped out to a 8-2 lead in the second game.

At the brink of defeat, Smith and Chang rallied to win the second game 11-8. They carried their momentum into the deciding third

game, winning 11-4 to claim the women's championship.

Similar dramas were unfolding in the men's divisions. In the men's division B finals, Paul Sherman G and Brian Taylor G beat Thompson Choi and Tia Di in the first game 11-7. Choi and Di made adjustments and seized the second game 11-4. However, Sherman and Taylor rallied in the third game to claim the championship 11-5.

The men's A championships matched four IVC teammates against each other. Defending 1996 champions Tom Klemas G and Koji Asari G started strong, beating Rad Roberts G and Parry Husbands G in the first game 11-5. Roberts and Husbands fought back in a long second game, eventually winning 11-8.

Both teams traded side-outs in the third game and eventually battled to 5-5. Roberts and Husbands then scored on several jump-serve aces to surge ahead 10-5. Klemas and Asari clawed their way back to 10-7, but Roberts and Husbands won the final point to claim the championship.

Varsity Heavyweights Row Well at Sprints

Crew, from Page 31

ways," said Kallevig.

On the first day of racing, MIT placed second in their heat to Cornell, which set them up for a good seeding in the repechage which was held later that day. In the repechage, MIT soundly beat Columbia by 10 seconds to finish third and guarantee themselves a spot in the third level final. Because of the guaranteed spot, they did not have to race on Friday.

Friday night, the annual Heavyweight end of year banquet was held. The three graduating seniors offered words of advice to the returning oarsmen and recounted rowing stories. Able said that his "best terms at MIT academically came when he also did his best on the crew team." Also at the banquet, Lentz was re-elected as next year's captain. Parker was voted most inspirational oarsman, and coach Hamilton mentioned that it was very rare for a sophomore to gain that honor.

For all rowers, the 95th rowing of the IRA regatta turned out to be a success, and a useful guide, showing the team what should work on for next year.

Team finishes 14th at Sprints

The heavyweight varsity and freshmen teams traveled to Worcester on the weekend of May 11th for the Eastern Sprints conference championships. The Heavyweight Varsity rowed to a 14th place finish in the third level finals, beating Syracuse who was ranked 10th before sprints.

The Varsity began the day by

rowing a good race in a close heat versus Brown University, Yale University, the U.S. Naval Academy, and Dartmouth College. The Engineers finished seven seconds back to a strong Navy crew which went on to finish 10th overall.

The varsity Engineers were disappointed about not making the petite level finals, but looked forward to racing Cornell and Syracuse later in the third level finals.

The results of the grand and petite level finals showed how competitive the heavyweight league has become. "There were legitimately seven or eight crews that could have won sprints," said Hamilton. This made the rankings going into sprints somewhat random. Fifth ranked Yale finished second and tenth ranked Syracuse came in last. MIT found themselves in a fast morning heat and had no real chance of making the petites.

In the third level finals, the heavyweight varsity had a good race, finishing in a time of 6:05.7 beating Syracuse (6:08.6), but finishing behind Cornell (6:01.1).

"Even though we rowed well in the first race, it was disappointing to lose. Going into the second race, we were able to get a good start and pull away from Syracuse in the body of the race which was good," said Schmidt.

The freshmen eight finished a very tough season with a last place finish in their final. Many of the freshmen will look forward to rowing in the varsity boats in the fall. The second varsity boat also finished last in their final.

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Cycling Team Concludes Successful Racing Season

By Rachel Brown
TEAM MEMBER

The MIT Cycling Team, fueled by Powerbar, enjoyed a successful 1997 road racing season. The season started strongly with three individual upgrades after the first race (Criterium) at Columbia University. Rookies Nirav Bhakta '98 and Jay Liston '99 dominated the men's D event, and didn't delay in upgrading to C level races. Rachel Brown G made her road racing debut with a convincing win over the women's B field and upgraded to women's A for the rest of the season.

In his first year, James Mattis G, also proved himself on the road by earning several top 5 placings in C's (Columbia, Rutgers University, and the University of Pennsylvania) and upgraded to race men's B alongside fellow MIT racers Kyle Becker G and Jeff Roth G.

MIT competes in the Eastern Collegiate Cycling Conference of the National Collegiate Cycling Association (NCCA). The ECCC includes all the teams from schools in Pennsylvania, New York, New Jersey and New England. Cyclists from each team can race in whichever category (men's A-D and women's A-B) they choose, as long as they can keep up with the gruel-

ing pace of the race.

Men's and women's A's are the national level races and are worth the most points for overall team standings. Team MIT was in top form as the racing season drew to a climax at the Eastern Championships hosted by the U.S. Military Academy at West Point, N.Y.

MIT does well at Championships

Each team from the ECCC was present at championships, ready to do battle. The first event of the weekend was the Individual Time Trial, which is also referred to as "The Race of Truth". Using high-tech aerodynamic wheels, handlebars, and helmets, riders are sent from the start line at 30 second intervals to bullet through a smooth 5.6 mile course, with no idea how fast others are speeding through the course.

MIT's best performance was from men's A rider Jeremy Hackney G who thundered through in just 13 minutes 7 seconds to earn seventh place and lots of points for MIT. Other fine performances came from smooth pedaling John Konz G, who snagged a 10th place finish and some points in men's C, and Rachel Brown, who placed 12th in

women's A for a few points.

Mattis placed 12th in men's B with 14:11 adding to the total. Captain Keith Szolusha '97 scored no points in men's A with his 25th place 13:44 effort, second only to Hackney on the MIT team.

The afternoon's road race deterred all but a hardy few as fierce storms brought the temperature crashing down. There were no points earned here, but Bhakta, Liston and Brown braved the treacherous weather and hill-climbs to complete their respective 39 mile races.

The rest of the team, along with over 50% of the other riders, ducked out for shelter and heat from the 43 degree temperatures and downpours to regain feeling before their 39, 52, and 65 mile races were complete.

MIT gets fifth at Team Time Trial

Sunday dawned fair and mild, a perfect day for the Team Time Trial. The TTT is similar to the ITT but faster because of the drafting and echelon techniques of an experienced team.

In the TTT up to six members of a team begin at the same time, quickly forming a small pack. The team's overall performance is gauged by the time that the back

wheel of the third rider that crosses the line. MIT fielded a men's C team which rode very smoothly. Konz, Bhakta, Liston, Talid Sinno G, and Mark Spilker G returned with a fifth place finish in the 12 mile trial.

Sunday afternoon was spent racing multiple laps around a 1.2 mile loop of the West Point campus. The loop twisted downhill into a 120 degree turn where it met a flat stretch which lead to a short 9% upgrade followed by a winding uphill to the line.

In the men's B, Mattis rode a perfect race only to have victory snatched from his grasp by a crash close to the final sprint on the 21st lap. Jay Liston placed sixth in men's C.

Szolusha roared out of the final sprint on the 26th lap to earn points and a 14th place finish in men's A. In his first season as an A, Szolusha's riding had been steadily improving, and he placed accordingly throughout the latter half of the season.

Hackney's effort in the men's A race should not pass unnoticed. Hackney was prominent in several breaks, and managed to score first place in a prime lap (sprint lap in the middle of the race for points), though unfortunately his strategy wasn't quite enough to place in the final sprint. The MIT cycling team agreed that this had been a great season, rich in improvement and achievement.

In Second Year Women's Ultimate Earns a Top 25 National Ranking

By James Sarvis
TEAM COACH

The women's ultimate team placed third at the Northeast College Regional Tournament over the weekend of May 10-11, scoring upsets over top seeded Cornell University, ranked fifth in the nation, and sectional rival Brown University, ranked 16th nationally.

The team narrowly missed qualifying for one of two northeast spots at the College National Championship tournament to be held at the University of California at Davis.

In pool play on Saturday, MIT defeated the University of Rochester, 13-1 and Amherst College, 13-4, but lost to seventh

ranked Yale, the second seed, 13-7, to finish second in the pool.

On Sunday, MIT was seeded fifth in an eight-team, double-elimination format. MIT, ranked 19th nationally, roared out to a 4-1 lead over Brown, the fourth seed, and held on to win the game, 8-7. The next game was against Cornell, who had not lost a single game to a northeast team this year.

MIT shocked Cornell by taking a quick 3-0 lead with a strong zone defense and big-play offense. The team's 10-7 victory earned them a spot in the regional championship game against Yale.

Again, Yale prevailed, 13-5, earning their third straight trip to nationals. MIT had one more oppor-

tunity to go to nationals; the game for second place was against Brown, who had just eliminated the stunned Cornell team.

But after taking a 4-2 lead, the MIT team, playing with just two subs, succumbed to exhaustion, losing 9-5.

At the East New England Sectional Tournament the previous weekend, MIT placed second behind Brown University. MIT defeated Tufts University 12-6, McGill University 13-4, Wellesley College 12-7, Boston College 13-3, and Harvard University 13-0. MIT lost to Brown, 12-7.

In only its second year, MIT finished the season with a 15-4 record and a top 25 national ranking.

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Athletes Finish Year with Many Awards and Honors

By Roger Crosley
SPORTS INFORMATION DIRECTOR

MIT's two number one tennis players have been named the East Region Rookies of the Year. From the women's team, Mealani Nakamura '00 was named. Nakamura dropped a first round match at the Women's Division III nationals. On the men's side Eric Chen '00 was honored. Both players are first year students.

Sports Shorts

Merrilees' achievements honored

Field hockey player Katherine Merrilees '97 was named the winner of the Massachusetts Association of Intercollegiate Athletics for Women's Achievement Award. Merrilees is a two time All-America selection and a two time player of the year in the New England Women's 8 Conference. Merrilees was honored at the MAIAW's annual meeting at Brandeis University.

Runners make NCAA's

Chris McGuire '00 and Mike Parkins '99 each won distance

events at the New England Division III Championships. McGuire won the 5,000 meters and in the process qualified for the NCAA Championships held Memorial Day weekend in LaCrosse, WI. Parkins won the 3,000 meter steeplechase, and had previously qualified for the NCAA's. As a team, the Engineers finished third behind Williams College and Springfield College.

John Wallberg G has been named to the GTE College Sports Information Directors of America Spring At-Large All-District first team. Wallberg, the NCAA Division III national champion in the 35 pound weight throw, now appears on the national Academic All-America Spring At-Large ballot.

Baseball players honored

The Constitution Athletic Conference recently named its baseball All-Conference team and three MIT players were honored. Pitcher Will Nielsen '98 was named to the first team for the second consecutive year. Nielsen ran up a 3-1 conference record with an earned run average of 2.06.

Named to the second team were first baseman Joel Morales '99 who hit .348 with 7 doubles in conference play, and centerfielder Steve Vetere '97 who swung the bat at a .367 clip.

Water polo players honored

Four MIT water polo players have been named to the American Water Polo Coaches Association Men's All-Academic Team. Named to the Superior level were seniors Matt Lau '97 and Milos Komarcevic '99. The "excellent" level showcased Mark Lebovitz '98, and Adrian Gomez '99.

Barber earns All-Conference

In the Pilgrim Lacrosse League defenseman Tom Barber '97 of MIT was an All-Conference selection for the second consecutive year. Barber was also tapped to participate in the Annual New England East-West Senior All-Star Game which was held May 10-11 at the University of New Hampshire.

Coach participates at NCAA clinic

MIT women's gymnastics coach Eduardo Ovalle recently participat-

ed as a clinician at the National Collegiate Athletic Association Youth Education through Sports program at the NCAA women's Gymnastics National Championships. The clinic was held at the University of Florida.

Sports information honored

MIT Sports Information Director Roger Crosley was named the winner of the College Division Irving T. Marsh Award by the Eastern College Athletic Conference-Sports Information Directors Association. The Marsh Award is given annually to an ECAC-SIDA member for contributions and dedication to and excellence in, the field of collegiate sports information. Crosley will receive the award at the ECAC-SIDA workshop in Uniondale, NY, in June.

Women row well at NCAA's

The MIT women's varsity four plus coxswain placed sixth at the inaugural NCAA Championships for women. Sixteen crews qualified for the championships which were held at Sacramento State College.

Runners receive academic honors

The NCAA Division III Cross Country Coaches Association named its national scholar athlete team and individual performers and MIT runners are prominently featured. In the men's ranking MIT ranked third nationally with an overall grade point average of 4.5/5.0, while the women are ranked sixth among women's squads with a cumulative 4.65/5.0.

Individual honorees for the men are Arnold Seto G, Dan Helgesen '97, and Josh Feldman '97. Four women qualified for the team led by Lauren Klatsky '97. Others named were Janis Eisenberg '98, and sophomores Robin Evans '99 and Tanya Zelevinsky '99.

MIT players on SAE All-America

MIT placed three football players on the Sigma Alpha Epsilon All-America Football Team. Fullback Troy Gayeski '98, was the only selection on the offensive side of the ball. On defense are tackle Chris Yanney '97 and safety Duane Stevens '98.

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Women's Rugby Concludes Season With Two Decisive Shutout Games

By Tallessyn Grenfell
TEAM MEMBER

The women's rugby club finished their season with a 5-1-1 record this spring. The season started with their first annual spring tour.

During spring break, the team traveled to the San Francisco Bay area to play the Berkeley and Bay Area She-Hawks club and tied that match, 12-12. It was a challenging match for the team because they are

used to playing against collegiate teams. The team was forced to raise their level of play to the club level and put up a strong fight against the California teams which had been playing outside all winter long.

After this match the team traveled to Santa Cruz and played the University of California at Santa Cruz Banana Slugs, and won that match 22-0. Due to shortages of players it was a challenging match, but it was played on the most beautiful field anyone had ever seen, which overlooked miles of mountainous coastline.

Team takes third in tournament

Warmed up by the spring tour, the team started their regular home season with a 30-0 game against Dartmouth College's B side. Then the Division II MIT team competed in a New England Division I tournament in Providence, R.I.; coming in third in their section by defeating Yale University (7-5) and the University of Southern Connecticut. A defeat by the University of Connecticut (13-10), gave the team their only loss in the entire season.

The first two games were played in freezing rain and the team had to fight hard against Yale. However, with strong defense in the back line and great rucking by the forwards, they secured position of the ball and managed to get a breakaway try which landed close enough to the center of the goal posts to secure the conversion kick, giving MIT the 2 point edge to victory.

In the UConn game, the teams were tied at 10-10 until the last few minutes of the match, when a penalty awarded to UConn gave them the opportunity for a kick to goal, which gave UConn the extra three points needed to defeat MIT.

The second day of the tournament was warm and sunny, and to the continuing surprise of the Division I teams, MIT defeated Southern Connecticut with a similar breakaway try and conversion kick combination. The back line again showed increasingly strong passing

and crashing techniques, and the scrums evened out until MIT was dominating the Southern Conn line.

Team shutouts home games

The last two games of the season were MIT's only home games. In the first game, MIT bested Northeastern 25-0. From the beginning MIT dominated the game by scoring in the first 30 seconds of the game. Karen Willcox G kept her eye on the weak side and pulled off a successful weak side play with the help of wing Jenna Joy G.

The rest of the game was an opportunity for MIT to practice the offensive skills they'd been working on all season and additional tries were scored by flyhalf Marianne Bitler. Backs such as Vanessa Chan G and Radika Bhaskar '98 intimidated Northeastern by crashing through their ineffective tackles, gaining many yards before setting up clean mauls for the supporting forwards to maintain possession.

The last match of the season was against MIT's long arch-rival Wellesley College. Although MIT has been dominated in the past by Wellesley, MIT continued its three year win streak with a 39-0 win.

MIT came on strong from the beginning, and forwards Sheri White G and Trelawney Grenfell showed excellent loose play defense to keep hard pressure on Wellesley's kickers and flyhalf.

Despite Wellesley's one real asset, two amazingly huge and strong props, the MIT pack led by props Crystal Harris '00 and Emily Chang G kept its feet to get the ball out quickly, winning their own put-ins consistently.

Wing Liz Hick G scored several breakaway tries, speeding by the tired Wellesley backs to secure the ball at the center of the goal posts. After MIT had scored, Wellesley's kickoffs were secured from the air by forwards Susan Lang '98 and Grenfell. Wellesley had very little opportunity for offense, and MIT ended up dominating the game and score.

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SPORTS

Lightweights Finish Seventh Nationally

By Erik S. Balsley
TEAM MEMBER

The varsity lightweight crew team finished its season Sunday with a seventh place finish at the Intercollegiate Rowing Association National Championship on the Cooper River in Camden, N.J. As the Regatta served as the National Championship for lightweight crew, the team's finish ranks them seventh in the nation and is the team's best finish since 1982.

The varsity boat, from bow to stern, of Kris Kendall '98, Dan Frisk '99, Erik Balsley G, Paul Oppold '99, Jean-Paul Folch '97, Chris Liu '98, Torrey Radcliffe '97, Garrett Shook '97 (stroke), and Joe Irineo '98 was seeded fourth in the nation entering the race and was hoping to improve on the team's fourth place finish at the Eastern Sprints in May.

In the morning qualifying heat the team faced Yale University, Cornell University, the University of Pennsylvania, Saint Joseph's College, and the University of Massachusetts at Amherst. MIT lead all crews off the start before Yale edged out a lead they maintained for the remainder of the course.

The first 1000 meters saw a close race between MIT, Penn, and Cornell for second. Entering the final 500 meters, the Engineers and Penn were in a tight race for third. Although the Engineers made several strong drives they were not able to pass Penn who finished third in a time of 6:06.5. Yale came in first in a time of 6:01.3, followed by Cornell in 6:05.6.

"We didn't attack as we could have and should have. We let the race unfold without asserting ourselves," said Coach Stuart Schmill

said,

Although MIT's time of 6:07.9 would have placed them third in the other morning heat, the fact that they didn't finish in the top three in their heat put them in the petite final. After regrouping the team was determined to not repeat their morning performance.

In the petite final MIT faced Dartmouth College, the Georgia Institute of Technology, and the College of the Holy Cross in addition to St. Joseph's and UMass who finished fifth and sixth in their morning heat.

The Engineers was seeded first in this heat, and the Engineers dominated the race from the start. MIT quickly gained four seats on Dartmouth. After several strong drives they increased their lead to a boat length by the 1000 meter mark.

Despite some powerful moves by Dartmouth, the team maintained their lead for the rest of the race, and finished first in a time of 6:16.5. Dartmouth finished second in 6:19.9, while Georgia Tech took third in 6:22.9.

By winning the petite final MIT finished seventh in the nation. However, the team's time was the fourth fastest out of all lightweight crews in the finals.

"We were disappointed in our seventh place finish, but when you look at it, it was pretty impressive, especially in the afternoon petite final," said Schmill. "We won the six-boat race, rowing the fourth fastest time of the day, for all crews, and were very aggressive and dominant. We didn't do that in the morning's heat," he said.

The team will begin their season again in the fall and is looking forward to improving on this year's results.

Heavyweight Crew Ends Season with Close Race

By Robert Lentz
TEAM MEMBER

The varsity heavyweight crew team concluded their season by traveling to Camden, N.J. over the weekend of May 29-31 for the Intercollegiate Rowing Association regatta. The IRA regatta served as this year's Division I national championships, with the University of Washington taking home the gold.

The first varsity eight raced three strong races and wound up placing 17th in the field. In the third level finals on Saturday, the MIT eight finished fifth with a time of 6:22.02, slightly behind Rutgers University (6:22.0), George Washington University (6:18.8), Syracuse University (6:18.3), and Temple University (6:11.6). The engineers placed above Ohio State University (6:24.6), and Columbia University, The University of Michigan, and Gonzaga University which did not qualify for the finals.

The freshman four finished second in their third level final, while the open four and varsity four took fifth in their petite and third level finals. The regatta concluded one of the strongest seasons in recent history for the MIT Heavyweights.

Although the placing was close to the same as a year ago, the league has undoubtedly gotten faster and tighter. On any given day, one crew could beat nearly any other crew in the league depending on how well they were facing that day. Unfortunately for the Engineers, Syracuse had a good day in the third level finals, and avenged their three second loss to the Engineers from Eastern Sprints.

The varsity boating from bow to

stern was Charley Able '97, Brian Smith '97, Mads Schmidt '98, Karsten Kallevig '99, Mike Perry '99, Dan Parker '99, Karl Richter '99, Robert Lentz '98 (stroke), and Jen Lykens '99 (coxswain).

Rutgers narrowly edges out team

The third level final started out with the MIT eight ahead of the pack with their characteristically fast start. After about the 500 meter mark, Syracuse, George Washington, and Temple had caught up to MIT. Rutgers then drew even at about the 1000 meter mark and then took a few seats over the next 200 meters.

Going into the last 500 meters, the Engineers found themselves down to Rutgers by four seats. That was when coxswain Lykens called the sprint. The rating came up and the Engineers started to move through the Rutgers boat. Unfortunately, the finish line came about one foot too soon.

According to Coach Gordon Hamilton, "We lost to Rutgers by the closest possible margin. In one frame [of the video analysis] we were about one inch behind [the Rutgers boat] and in the next frame we were three inches ahead."

It seems that Rutgers barely beat the Engineer boat to the finish line, but just as the Engineers were moving past them. This caused most everyone on the finish line and in the Tech boat to believe that MIT had won. "We have won a couple of close races this seas on over Williams and Ohio State, so I guess we found out they can go both

Crew, Page 28

Men's Tennis Closes Winning Year With Loss to Williams at Regionals

By Dan Wang
TEAM MEMBER

Over the weekend of May 9-11, the men's tennis team advanced to the final day of competition at the NCAA Division III East Regional Championship at Williams College. It fell one win short of qualifying for the national championships, falling to the number one seed Williams, 7-0.

On May 9, the first day, fifth seeded MIT faced twelfth seed Franklin and Marshall College and came away with a 6-1 victory. The action heated up quickly in the beginning doubles matches. The third doubles team of Jim Matysczak '99 and Dan Wang '97 easily won, 8-2. However, F&M responded with an 8-3 win at first doubles over Eric Chen '00 and Mik Mukherje '00.

Controversial call rankles MIT

The winner of the remaining doubles match, at the number two spot, would earn a point for the team. The pair of Hank Lin '97 and Jason Weintraub '97 fought to a tiebreaker at 8-8, and proceeded to take a 5-0 lead in the breaker. F&M made the score 5-3, when the F&M player made a controversial call.

Weintraub served what appeared to be an ace, which would have given the MIT pair a 6-3 lead and match points, when the F&M player called the ball out. The opponent seemed to have cheated by making such a call intentionally.

A heated discussion broke out between players and officials, which continued for a short time after the

match, when it was settled in F&M's favor. The F&M duo went on to win the tiebreaker 8-6, and the match, gaining a 1-0 lead overall.

Despite the doubles losses, MIT swept all six single matches. MIT gained two early points at second and third singles, as Weintraub won, 6-4, 6-2, and Matysczak achieved a 6-0, 6-0 result.

At first singles, Chen won the match in three sets 3-6, 6-4, 6-4, over the region's seventh-ranked singles player. Soon afterwards, fifth singles player Ben Cooke '00 clinched the team victory with a 6-2, 6-4 win.

At fourth singles, Wang dropped the second set after easily winning the first set, but bounced back to win, 6-2, 5-7, 6-4. At sixth singles, Anit Chakraborty '99 completed the sweep with a 6-1, 6-0.

Team defeats local favorite

On Saturday, the second day of competition, MIT went up against the fourth-seeded College of New Jersey. The relied on their strength at the bottom of the lineup to eke out a 4-3 win.

The Lions, with a vast amount of crowd support, stormed to a 1-0 lead by taking the top two doubles matches, both by 8-5 scores. They then added another point when their second singles player disposed of Weintraub, 6-2, 6-3.

Wang then put MIT on the board with a 6-2, 6-2 win at fourth singles. Soon afterwards TCNJ captured an additional point at the number one singles spot, as their player defeated Chen, 6-3, 6-2.

However, at third singles, Matysczak emerged the victor of what would be the pivotal match, a 7-6 (8-6 in tiebreaker), 7-5 battle. Any further hopes that they might have had were quickly deflated as they witnessed a convincing display of MIT's depth.

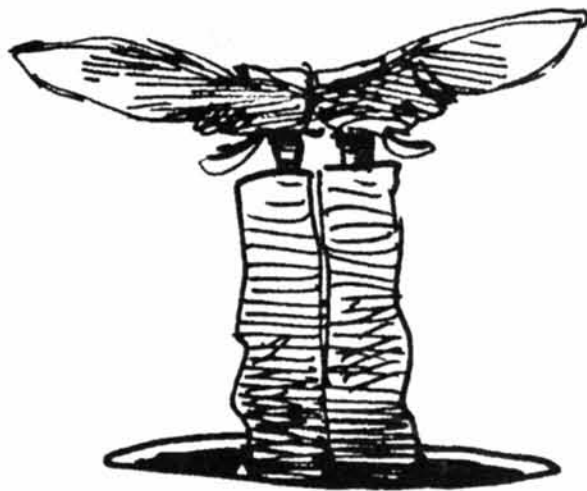
Chakraborty evened the score with a 6-0, 6-0 result at sixth singles. Cooke once again clinched the team result, with a 6-2, 6-2 win.

Team plays well against Williams

Williams, the opponent for Sunday's semifinal, was ranked first in the East with an undefeated record. The team featured four regionally-ranked singles players, the region's top-ranked singles player, and the nation's top-ranked doubles pair.

The Engineers fought hard, but on this day, the Ephs proved to be the stronger team. In the opening doubles portion, Williams quickly swept all three matches. Williams then went on to win five of the six singles matches in straight sets. In the other match, at first singles, Chen took the first set, 6-4, but then dropped the last two, 6-2, 6-0.

The team concluded the season with a 16-5 record, completing its first winning season in four years. Along the way, it scored victories over Division I opponents Boston College, Boston University, and University of Vermont. Its appearance in the NCAA regionals marked its first selection for the NCAA team tournament since 1992. The Engineers competed in the national championships in 1991 and 1992.



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COMMENCEMENT ISSUE



The Canadian band Moxy Früvous performed in the Student Center Saturday, May 17th in a concert sponsored by LSC.

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