

Corporation Officer Willmore Will Retire At End of Next Term

By **Beckett W. Sterner**
NEWS EDITOR

Kathryn A. Willmore, vice president and secretary of the MIT Corporation, will retire at the end of the academic year, announced President Hockfield last Friday.

Willmore, who will have spent 41 years at MIT when she retires, is currently in charge of public relations services as a vice president, and manages the flow of issues and decisions between the administration and MIT's trustees as the secretary of the Corporation, according to *TechTalk*.

Former President Charles M.

Vest, who appointed Willmore to her current position, said to *TechTalk* that Willmore "has served MIT, its broader community, senior officers and Corporation with an unparalleled grace and effectiveness.... But above all, she brought to every task a deep understanding of MIT people — their concerns, and aspirations."

"I really couldn't think of a more important place to put in my energies" than MIT, Willmore said. She said that she had informed Hockfield of her intention to retire when

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OMARI STEPHENS—THE TECH

Fluffy white snow descended upon MIT campus on Sunday, Dec. 4, providing a fun diversion for students as finals week approaches.

No Suspicious Events Led to Death

By **Marie Y. Thibault**
ASSOCIATE NEWS EDITOR

The Boston Police are considering Zachary Morris' death last Wednesday to be accidental, according to an MIT press release. There are no suspicious circumstances surrounding Morris' death, said David Estrada, night office manager in

the Boston Police's Office of Media Relations.

Estrada said that following any death in Boston, the police conduct a death investigation, which for Morris is awaiting a ruling on the cause of death by a medical examiner. The police press office was unable to release further information

about the investigation last night.

MIT Spokesperson Denise Brehm told the *Boston Globe* last week that she did not believe alcohol was a factor in Morris' death. Brehm could not be reached for comment yesterday afternoon. The

Accident, Page 17

As Dean, Hastings Will Focus on Global Skill Set

By **Hanhan Wang**
STAFF REPORTER

Daniel E. Hastings '78, professor in the Department of Aeronautics and Astronautics and director of the Engineering Systems Division, was named the next dean for undergraduate education last Thursday. Hastings agreed to speak with *The Tech* about his new position — and as someone who has followed the selection of this position closely, I jumped at the opportunity.

Hastings will take office in January, replacing current Dean Robert P. Redwine. Chancellor Phillip L. Clay PhD '75 said that the dean should have management experience in order to lead the over 200 people under him, and Hastings' experiences as ESD director and former chief scientist of the Air Force give him strong qualifications for the position.

Here are some excerpts from our conversation:

TT: What are some of the goals and visions you have while serving in this position?

DH: I think the most important thing to do is to understand how to implement the recommendations of the [General Institute Requirements] task force because that is how MIT wants to set the core of undergraduate education for the time to come.... I'm also very interested in addressing the question of how to think about the impact of globalization.

TT: What exactly do you mean by that?

DH: Well, at a minimum, I would say, we need to be sure that the undergraduates we're producing understand that they're going to be living and moving in a global environment,

Hastings, Page 15

Blue Gene Sparks Research into Quarks

By **Hannah Hsieh**

It is MIT's most powerful computer, with a theoretical peak speed of 5.7 Teraflops (5.7 x 10¹² floating point operations per second) and sustained speed of 4.7 Teraflops. It is currently ranked 76th on the Top 500 list of computers in the world, of

which most are other Blue Gene/L computers at other institutions.

A member of a new line of IBM supercomputers, MIT's new Blue Gene computer consists of a single rack with 1,000 processor chips. They were developed through a partnership with the Lawrence Livermore National Laboratory in California, which currently owns 64 of

its own. These computers represent a new generation of computing, in which a single supercomputer rack can replace a room full of conventional computers and use an order of magnitude less power.

The MIT computer is being put to work solving extremely demanding physics simulations, such as work by Professor John W. Negele on lattice quantum chromodynamics. QCD is the theory governing strong interactions between quarks and gluons, the fundamental units that comprise protons and neutrons. MIT's Blue Gene computer is subsidized by the Department of Energy (DOE).

Coming to understand the properties of quarks revolutionized our understanding of nature in the twentieth century. MIT Professor Frank Wilczek shared the 2004 Nobel Prize in Physics for discovering in the early 1970s the property of asymptotic freedom, which predicts that the interactions between quarks are weak at short distances but peculiarly become extremely strong at large distances. Because of this property, termed confinement, it would take an infinite amount of energy to separate two quarks.

The only known way to calculate the properties of these strongly interacting particles is through lattice QCD, which formulates the theory of quarks and gluons onto a lattice that carves space-time up into discrete chunks. To predict how the quarks will behave over time, the supercomputer calculates the probabilities of all possible paths a quark could take through the lattice and uses them to determine the next state of the sys-

Blue Gene, Page 10



CHRISTINA KANG—THE TECH

Patrick S. Varilly '06 and Professor John W. Negele work at the new BlueGene machine on Thursday, Dec. 1. The machine will replace all the other equipment in the room located in Building W90.

Zachary W. Morris

In a school where the pressure is intense and workload oppressive, Zachary Morris "was just like a complete breath of fresh air," remembered his friend Kathryn M. Routhier '09.



COURTESY OF JOSEPH P. CARLUCCI

Morris, 19, who died from an accidental fall last Thursday, was a young man whose energy and curiosity defied the limits of sleep, work, and sometimes even common sense. Born in Oklahoma but raised in Texas, he was a diehard Longhorns fan with a Lonestar State twang. He was also "a true gentleman," said Calvin D. Kao '08.

He was always hatching new ideas and new adventures. You might ask him a question, and he would give you a crazy answer just plausible enough it could seem right, Routhier said.

"There were just some things — we were like, 'Zach, you made this up,'" said Angela L. Cantu '09.

Morris was a person lucky enough to be blessed with the ability to enjoy life, finish his work, and still wake up early in the morning ready for an adventure.

Of course, if you were good friends with Zach, that could mean you'd

Morris, Page 18

In Short

¶ The Panhellenic Association approved a fall recruitment next year by unanimous vote last night, said Vice President of Recruitment Heather M. Pressler '07. Panhel will now begin dis-

cussions with other student government groups about logistics, she said.

Send news information and tips to news@the-tech.mit.edu.

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WORLD & NATION

Palestinian Bomber Kills Himself And 5 Others Near Israel Mall

By Greg Myre

THE NEW YORK TIMES

NETANYA, ISRAEL

An Israeli security guard stopped a Palestinian suicide bomber from entering a busy shopping mall in this seaside town on Monday, but the bomber still detonated his explosives, killing himself and five other people and wounding dozens, the Israeli police said.

Subsequently, Prime Minister Ariel Sharon called an emergency meeting of senior Israeli security officials to plot a response. No official information was released on Israel's plans, but the Israeli media, citing military sources, said a large operation in the West Bank was possible.

"We will do everything we can so that attacks like these will not occur in the future," Shaul Mofaz, the defense minister, told Israeli Army radio.

The attack was the third time since April 2001 that a Palestinian bomber had struck in the same place — just outside the main entrance to the Sharon mall in Netanya. The mall is named for a region in Israel, not for the prime minister. The bombers have not been able to get past security guards to enter the mall proper, where many more casualties could occur. Still, the three bombings, which included attacks in May 2001 and July 12 of this year, have killed 15 people.

Kazakh President Re-Elected; Voting Flawed, Observers Say

By C.J. Chivers

THE NEW YORK TIMES

ASTANA, KAZAKHSTAN

President Nursultan Nazarbayev of Kazakhstan secured a third term in office in the election over the weekend with an overwhelming victory, the country's election commission announced Monday, while a prominent international observer mission said the election did not meet democratic standards.

Nazarbayev, a former Soviet leader who has ruled here since 1989, received 91 percent of the votes cast, according to official results. His closest challenger, Zharmakhan Tuyakbai, received 6.6 percent.

The margin, embraced by Nazarbayev and his government as a fresh mandate and a confirmation of his work in modernizing this oil-rich state, was quickly challenged by the opposition. International observers described the election as flawed.

Kazakhstan has never held an election that met international standards. The independent observers, leaders of a 460-member mission from the Organization for Security and Cooperation in Europe, said that the government's conduct in the campaign and on election day again limited the chance for meaningful competition and prevented voters from making a free, informed choice.

New British Law Allows Same-Sex Civil Partnerships

By Alan Cowell

THE NEW YORK TIMES

LONDON

From Brighton to Birmingham and beyond, gay and lesbian couples began registering Monday for the first ceremonies later this month permitting a form of same-sex marriage in Britain.

As a new law permitting what are called civil partnerships came into effect, at least 1,200 couples scheduled ceremonies set to take place between Dec. 19 in Northern Ireland and Dec. 21 in England and Wales.

"This is an important piece of legislation that gives legal recognition to relationships which until now were invisible in the eyes of the law," said Meg Munn, a government minister.

The *Times* of London, once the staid voice of the establishment, extended the "Births, Marriages and Deaths" column in its Court and Social Register pages to include a new category "Civil Partnerships."

Judge Dismisses One of Three Charges Against Rep. DeLay

By Ralph Blumenthal and Carl Hulse

THE NEW YORK TIMES

HOUSTON

A Texas judge dismissed one charge against Rep. Tom DeLay on Monday but let stand two more serious charges, all but dooming DeLay's hopes of regaining his post as House majority leader when Congress resumes in January.

The judge, Pat Priest of San Antonio, handed DeLay and two co-defendants a partial victory in dismissing charges of conspiracy to violate the election code by making an illegal corporate contribution.

But Priest left standing charges of money laundering and conspiracy to launder money against all three.

The decision moves DeLay and his co-defendants, the Republican fund-raisers John D. Colyandro and James W. Ellis, a big step closer to facing trial — perhaps as soon as January — on felony charges that carry long prison terms and fines.

The charges involve \$190,000 that the state says was collected from corporate donors in 2002 and, in violation of Texas election

and money laundering laws, routed through Republican political action committees to seven Republicans running for the Texas House. The judge ruled that the conspiracy provisions of the state election code did not take effect until a year after the charged violations. But he rejected defense challenges to the money laundering charges and ruled that they could go to trial.

The political stakes were underscored with the arrival in Houston on Monday afternoon of Vice President Dick Cheney, who appeared with DeLay at a previously scheduled political fund-raiser. The event was closed to reporters. Several hundred protesters jeered outside the fund-raiser, held at the Westin Oaks in the Galleria shopping mall.

After the judge's decision, which came just as about 300 guests were arriving for the \$500-a-ticket-and-up function, DeLay's office in Washington released a statement that sought to put a positive spin on the ruling and once again attacked the Austin prosecutor who bought the charges, the Travis County district attorney, Ronnie Earle.

"The court's decision to dismiss

a portion of Ronnie Earle's manufactured and flawed case against Mr. DeLay underscores just how baseless and politically motivated the charges were," the statement said. Along with DeLay's earlier success in disqualifying a previous judge accused of Democratic political partisanship, the statement said that the ruling "represents yet another legal victory" and that DeLay was "encouraged by the swift progress of the legal proceedings" and looked forward to his eventual exoneration.

Earle declined to comment on the ruling, saying it was under study. The state has 15 days to appeal for reinstatement of the dismissed election law charges. DeLay cannot appeal until after a trial, Priest said.

A defense lawyer involved in the case, who spoke on condition of anonymity out of a concern of antagonizing the judge, conceded that the ruling could be read as a substantial victory for the prosecution.

But Dick DeGuerin, DeLay's chief lawyer, insisted, "we won more than they did," contending that the remaining charges would be "impossible to prove."

As First Witnesses Take Stand, Hussein's Trial Turns Chaotic

By Robert F. Worth

THE NEW YORK TIMES

BAGHDAD, IRAQ

The first witnesses took the stand on Monday in Saddam Hussein's trial, offering gripping accounts of meat grinders for human flesh, torture with fire and electric shocks and mass executions.

The courtroom soon devolved into a wild scene of shouting and chaos, as Saddam and his fellow defendants exchanged insults with witnesses, lectured the judge and veered into lengthy diatribes against the tribunal.

"Don't interrupt me!" Saddam shouted at the judge, who tried with little success to make him stick to questioning the witnesses. Later, Saddam pounded on the lectern and his microphone, comparing himself to Mussolini and insisting that he was "not afraid to be executed."

The outbursts punctuated an ex-

traordinary eight-hour session in which Saddam faced victims of his government's massacres in court for the first time. The first witness, Ahmad Hassan Muhammad, 38, riveted the courtroom with the scenes of torture he had witnessed after his arrest in 1982, including seeing a meat grinder with human hair and blood beneath it.

Standing 10 feet from Saddam, he described Baath Party officials' hurling a young boy out a window to his death. At one point, Muhammad briefly broke down in tears as he recalled how his brother was tortured with electrical shocks in front of their 77-year-old father.

"There were mass arrests of men and women and children," Muhammad said. "Even if a child was 1 day old, they used to tell his parents, 'Bring him with you.'"

Through much of Muhammad's account, Saddam and his fellow de-

fendants listened in silence. Dressed in a dark suit and holding a Quran, Saddam often struck a contemplative pose, resting his head on one palm. Several times he laughed contemptuously, once during Muhammad's narrative of his torture and imprisonment.

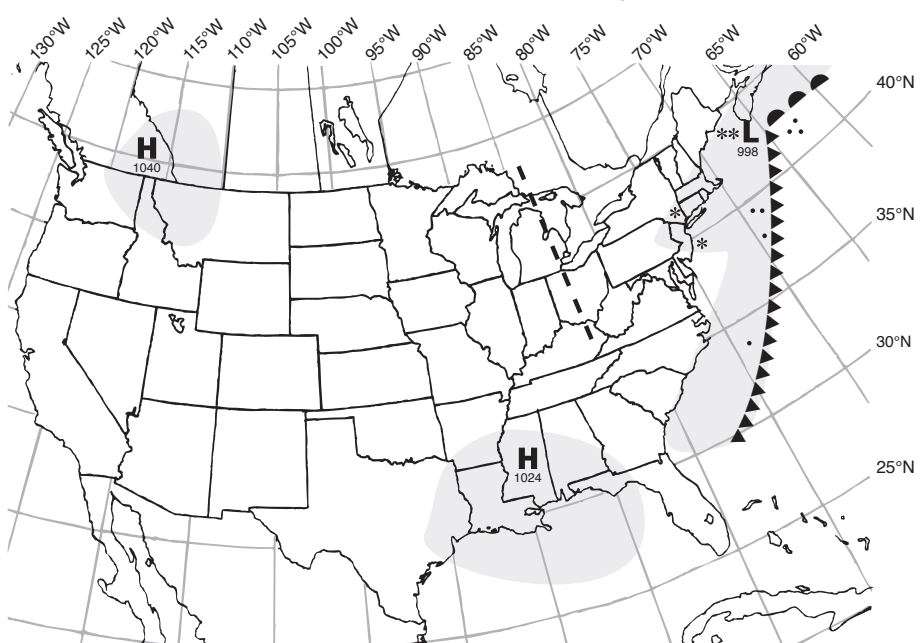
When their turn came to question the witnesses, Saddam and his associates showed no trace of remorse. The former rulers spoke instead of their own suffering in prison and railed at length against the court and witnesses for daring to challenge them.

The theatrics by Saddam and his half-brother, Barzan Ibrahim al-Tikriti, threatened at times to undermine the gravity of the trial.

The U.S. officials who helped create the tribunal have also expressed concern about what they call the "gamesmanship" of Saddam and his legal team.

WEATHER

Situation for Noon Eastern Standard Time, Tuesday, December 6, 2005



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	Trough	Snow	Fog
L Low Pressure	Warm Front	Rain	Thunderstorm
S Hurricane	Cold Front	Light	Haze
	Stationary Front	Moderate	
		Heavy	

Compiled by MIT Meteorology Staff and The Tech

Enjoy the Snow

By Roberto Rondonelli

STAFF METEOROLOGIST

The most significant element of today's forecast is the low pressure (996 mb) over the Atlantic. This low has traveled from the South bringing solid precipitation over sections of the East Coast, approaching New England last night. The center of the low will be located several hundred kilometers off the coast of New England.

There is significant uncertainty about the total amount of snow that this storm will bring, especially due to the large gradient in precipitation between the cape and the interior areas of Massachusetts (that is, slight changes in the trajectory of the low can produce significant changes in the total amount of snow). However, most of the models agree that the precipitation will be heavier over the Cape and Islands than in Boston. For Boston, we can expect from 2 to 4 inches of snow by the end of the storm.

After the passage of the storm, a high pressure will dominate the weather over the next few days, bringing dry and chilly conditions over most of the Eastern U.S. Unseasonably cold temperatures are expected for Wednesday and Thursday morning.

Extended Forecast

Today: Snow showers overnight and during the morning. Snow tapering off during the afternoon. Partly cloudy and chilly. Low 28°F (-2°C). High 34°F (1°C).

Wednesday: Partly cloudy and cold. Low 25°F (-4°C). High 34°F (1°C).

Thursday: Mostly sunny in the morning. Partly cloudy towards the evening. Low 22°F (-6°C). High 33°F (1°C).

9/11 Panel Issues Poor Grades For U.S. Response to Terrorism

By Philip Shenon
THE NEW YORK TIMES

WASHINGTON

The members of the Sept. 11 commission gave dismal grades to the Bush administration and Congress on Monday in measuring the government's recent efforts to prevent terrorist attacks on American soil, concluding that the government deserved many more F's and D's than A's.

The commissioners awarded the grades in a privately financed "report card" that found that, four years after the Sept. 11 attacks, the nation remained alarmingly vulnerable to terrorist strikes, including attacks by terrorists with chemical, biological or nuclear weapons.

"While the terrorists are learning and adopting, our government is still moving at a crawl," said Thomas H. Kean, the commission's chairman and a former Republican governor of New Jersey. "Many obvious steps that the American people assume have been completed, have not been. Our leadership is distracted."

The new report by the 9/11 Public Discourse Project, a private group established by the commission's five

Republicans and five Democrats when the panel formally went out of business last year, graded the government's response to the 41 recommendations made in the commission's final report 17 months ago.

There were 17 F's or D's — including an F to Congress for its failure to allocate the domestic antiterrorism budget on the basis of risk and a D for the government's effort to track down and secure nuclear material that could be used by terrorists. There was only one A — and it was an A-minus, awarded for the government's efforts to stem the financing of terrorist networks.

With release of the report, the commissioners announced that they were shutting down the Public Discourse Project, which had represented an unusual private effort by members of a federal commission to retain some political viability and lobby for their recommendations.

The White House, which often tangled with the Sept. 11 commission during its official investigation, defended its performance in dealing with terrorist threats, insisting it had acted on most of the panel's recom-

mendations.

"We have taken significant steps to better protect the American people at home," said Scott McClellan, the White House spokesman. "There is more to do. This is the president's highest responsibility."

To the likely disappointment of the White House, however, the commission's Republicans issued some of the harshest criticism of the administration and Congress heard at a news conference to release the report on Monday.

"The American people ought to demand answers," said James R. Thompson, a Republican commissioner and a former Illinois governor. "Why aren't our tax dollars being spent to protect our lives? What's the rationale? What's the excuse? There is no excuse."

Thompson joined with other commissioners in offering special criticism of Congress for having failed to ensure that the billions of dollars distributed by the federal government each year in domestic security funds are divided up on the basis of risk, instead of pork-barrel politics that often sends money to remote areas where there is little danger of terrorist attack.

U.S. Interrogations Save European Lives, Rice Tells Europe's Leaders

By Joel Brinkley
THE NEW YORK TIMES

BERLIN

Secretary of State Condoleezza Rice chastised European leaders on Monday, saying that before they complain about secret jails for terror suspects in European nations, they should realize that interrogations of these suspects have produced information that helped "save European lives."

Her remarks were the Bush administration's official response to the reports of a network of secret detention centers in at least eight European nations, said to house dozens of terror suspects.

At the same time, she denied that the United States has moved suspects to these prisons to allow interrogators to use torture. "The United States," she said, "does not permit, tolerate or condone torture under any circumstances." At another point, she said, "The United States does not transport and has not transported detainees from one country to another for the purpose of interrogation using torture."

Intelligence gathered from these

interrogations, she said, "has stopped terrorist attacks and saved innocent lives in Europe as well as the United States." But she declined to offer examples or provide any specific information to support her assertions. She said any information related to the prisons was classified. Rice did not explicitly confirm the existence of the detention centers, first described in news reports early last month. But acknowledgment of them was implicit in her remarks. Without the debate over the covert jails, there would have been no reason for her statement.

"We must bring terrorists to justice wherever possible," she said, "but there have been many cases where the local government cannot detain or prosecute a suspect, and traditional extradition is not a good option."

"In those cases," she added, "the local government can make the sovereign choice to cooperate in" the transfer of a suspect to a third country, which is known as a rendition.

"Sometimes," she added, "these efforts are misunderstood."

Administration officials from the

White House, State Department and Central Intelligence Agency labored over Rice's statement for days and said it would serve as the basis of the government's official answer to an inquiry about the covert detention centers issued by the European Union last week — one of a half dozen inquiries that are under way.

Rice offered her remarks to reporters early Monday morning, in a departure lounge at Andrews Air Force Base just outside Washington, moments before setting off for a trip to Europe. The timing, she said later, was not coincidental. She wanted to issue the statement "before I go to Europe so if there are questions I can answer them."

Her five-day trip will take her to Germany, Belgium, Ukraine and Romania. Analyses of flight records of U.S. government aircraft have suggested that Romania may be the site of one covert detention center, but Romanian officials say that no such facility exists. Rice arrived in Berlin too late Monday night to meet with any German officials or to gauge any reaction to her remarks in Washington.

ABC Selects Younger Team of Vargas, Woodruff As Evening News Anchors

By Jacques Steinberg
and Bill Carter
THE NEW YORK TIMES

ABC News on Monday named Elizabeth Vargas and Bob Woodruff to succeed the late Peter Jennings as anchors of "World News Tonight," but only after the network failed to reach agreement with one of its biggest stars, Charles Gibson of "Good Morning America."

The announcement by ABC that it was entrusting its flagship evening news program to a younger generation — Woodruff and Vargas are both under 45 — was the public culmination of a backstage drama, with months of negotiations between David Westin, the president of ABC News, and Gibson unraveling last week, Gibson said in an interview.

"They ended because we couldn't agree on timing and tenure," Gibson said Monday. "Last week, we simply agreed to disagree."

Gibson would not comment on the specific points of contention. But a person involved in the negotiations — who spoke on condition of anonymity so as not to alienate any of

the parties — said that Gibson had wanted to serve as anchor through the 2008 presidential election; Westin was offering a tenure short of that — two years — with Vargas and Woodruff to take over at that point. A senior ABC official confirmed this account.

From a business perspective, keeping Gibson, 62, in his present job, alongside Diane Sawyer and Robin Roberts, would seem to make sense. "Good Morning America" is a huge source of advertising revenue — not only for ABC but for its parent company, Disney — and it is fighting to catch up to the long-time morning ratings leader, NBC's "Today." Gibson's contract with "Good Morning America" is believed to run until summer 2007.

Still, with Sawyer said to be uninterested in the evening news job, and with Ted Koppel retiring last month, Gibson was perhaps the only journalist on the ABC staff whose star power and gravitas could have approached that of the so-called Big 3 network news anchors — Jennings, Tom Brokaw of NBC and Dan Rather of CBS — each of whom was still occupying his anchor chair as recently as 13

months ago. Vargas is a co-host of "20/20" and Woodruff is an anchor of ABC's weekend news broadcasts and a correspondent.

In choosing to invest in the future, ABC appears to be acknowledging that the network news landscape has changed mightily in the last year, in terms of talent rosters and technology used for delivering the news to consumers. Vargas and Woodruff, for example, will have as their principal rival a contemporary — Brian Williams, 46, who succeeded Brokaw as the anchor of "NBC Nightly News" on Dec. 2, 2004. Like Williams, they will be charged with reversing the steady erosion of network news viewers to cable television and the Internet, or away from news entirely.

Meanwhile, it is unclear who will be the ABC team's competition on CBS, which is interested in making an aggressive play for Katie Couric, perhaps the biggest star in network news. Couric's contract as co-host of "Today" expires in May, and if she moved to the evening news, she could pull viewers away from both NBC and ABC.

New Suitor Makes Higher Bid For Heart Device Maker

By Barry Meier and Andrew Ross Sorkin

THE NEW YORK TIMES

Boston Scientific made a surprise bid Monday to acquire the Guidant Corp. for about \$25 billion in a bold move to snatch Guidant from Johnson & Johnson, which last month agreed to buy the device maker for \$21.5 billion.

The offer could spark a battle for control of Guidant, the nation's second-largest maker of implantable defibrillators and pacemakers. Last month, Johnson & Johnson sharply lowered its original \$76-a-share offer for Guidant to \$63.08 a share, after declaring that recent recalls and investigations involving its heart devices had damaged the company's prospects.

Boston Scientific's bid, which is worth \$72 a share in cash and stock, reflects its view that Guidant's problems are manageable and overshadowed by the potential for vast profits, particularly from defibrillators, a type of implantable heart device that is one of the fastest-growing and highest-margin medical devices. Guidant said in its most recent quarterly report that gross margins on all its devices averaged 78.6 percent.

Neither Johnson & Johnson nor Boston Scientific sells defibrillators or pacemakers, but both have expressed an eagerness to enter the market as a way of driving growth, especially as other product lines begin to slow. The two companies are competitors in the arena of stents, tiny devices that are used to prop open clogged arteries.

Verizon May Sell or Spin Off Directory Division Next Year

By Ken Belson

THE NEW YORK TIMES

NEW YORK

Verizon Communications said Sunday that it was considering whether to sell or spin off its directory business so it can concentrate more on providing wireless, data and phone services.

Verizon's board has authorized the company, the second-largest telecommunications carrier after AT&T, to hire bankers to explore its options now that its purchase of MCI is almost complete. The company could sell or spin off the directories group, Verizon Information Services, in 2006.

"This is the right time for us to take action that helps us sharpen our focus on our three network-based businesses," said Peter Thonis, a Verizon spokesman. "This move will give them additional flexibility to maneuver in a fast-moving marketplace."

Verizon Information Services publishes 1,750 directories in 44 states and Washington. The division also operates SuperPages.com, which it says is the nation's largest online yellow pages. The division generated \$3.6 billion in revenue and \$1.7 billion in profit before taxes and other charges last year, and it employs 7,300 people. Sales fell 5.7 percent last year, and they may slip an additional 2.4 percent this year, according to the investment firm Sanford C. Bernstein.

Directory businesses are typically more profitable than many other divisions at phone companies like Verizon because they require far less investment in equipment. Automation and revenue from Web sites have also improved profitability for phone companies. Qwest Communications, the smallest of the four big Bell operating companies, sold its directory business for \$7 billion in August 2002.

Airbus and China Announce \$9 Billion Order for Jets

By Don Phillips and David Lague

THE NEW YORK TIMES

PARIS

Airbus and China announced an order worth 7.7 billion euros on Monday for 150 single-aisle A320 jets and said they would consider building an assembly line for the aircraft in China.

The long-expected Airbus order, worth \$9 billion, surpasses recent orders in China for Boeing aircraft. Both manufacturers regard China and India as the two top markets for aircraft sales in the next decade, and China is already hotly contested.

So far this year, Boeing has won orders from China for 122 aircraft, valued at \$11.7 billion. Before Monday's announcement, Airbus had secured Chinese orders for 66 aircraft worth \$8.3 billion. The A320, with a seating capacity around 140 built around a single aisle, is Airbus' best-selling plane.

An assembly line in China would give Airbus, whose headquarters are in Toulouse, France, an important edge. Airbus and the Chinese government signed a cooperation pact on Sunday that commits Airbus to buy at least \$60 million in parts a year from China by 2007, rising to \$120 million a year by 2010. In July, Airbus also set up the Airbus Engineering Center in Beijing, which has so far recruited 54 of a planned 200 Chinese engineers.

Boeing signed an agreement for a 70-plane order during a visit to Beijing last month by President Bush. Boeing has since said it is in negotiations with the Chinese for 80 more planes. The company won an agreement in January from six Chinese airlines for the purchase of 60 of its 787 Dreamliners, which are scheduled to enter service in 2008.

Rumsfeld Says the Media Focus Too Much on Negatives in Iraq

By David S. Cloud

THE NEW YORK TIMES

WASHINGTON

Defense Secretary Donald H. Rumsfeld said Monday that news media organizations were focusing too much on casualties and mistakes by the military in Iraq and were failing to provide a full picture of the progress toward stabilizing the country.

"We've arrived at a strange time in this country where the worst about America and our military seems to so quickly be taken as truth by the press, and reported and spread around the world, often with little context and little scrutiny, let alone correction or accountability after the fact," he said in a speech at the Johns Hopkins School of Advanced International Studies.

His criticism of the press, a theme to which Rumsfeld returns frequently in public and private statements, came only a few days after the Pentagon acknowledged that it had paid Iraqi newspapers to publish news articles that presented a positive view of developments in Iraq.

OPINION

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The Tech Insensitive

Last week's sudden loss of Zach Morris '09 from the MIT community was a tremendous shock to the many he touched in his too-short time on campus. Zach's positive, sincere, and easygoing nature bonded him quickly with fellow students in many different groups and organizations. He was, without even thinking about it, fixin' to make another friend at every moment, and will be remembered that way.

The related Dec. 2, 2005 *Tech* article was, very unfortunately, poorly done. Instead of using the opportunity for cheap shots at other MIT students, the article should have better centered on well-researched facts and a more interesting portrayal of Zach. For a lesson on better news writing, *Tech* reporters and editors should study the Dec. 3, 2005 *Boston Globe* article covering Zach's death. While reporting the relevant facts and circumstances of the tragedy as accurately as possible, *Globe* correspondent Michael Levenson also conveyed the essence

of the brilliant young man that many of us are truly privileged to have met.

Kevin Coffey '83

Brian S. Coffey '09

Editor's Note: Brian Coffey was Morris' roommate.

Needlessly Involving Others

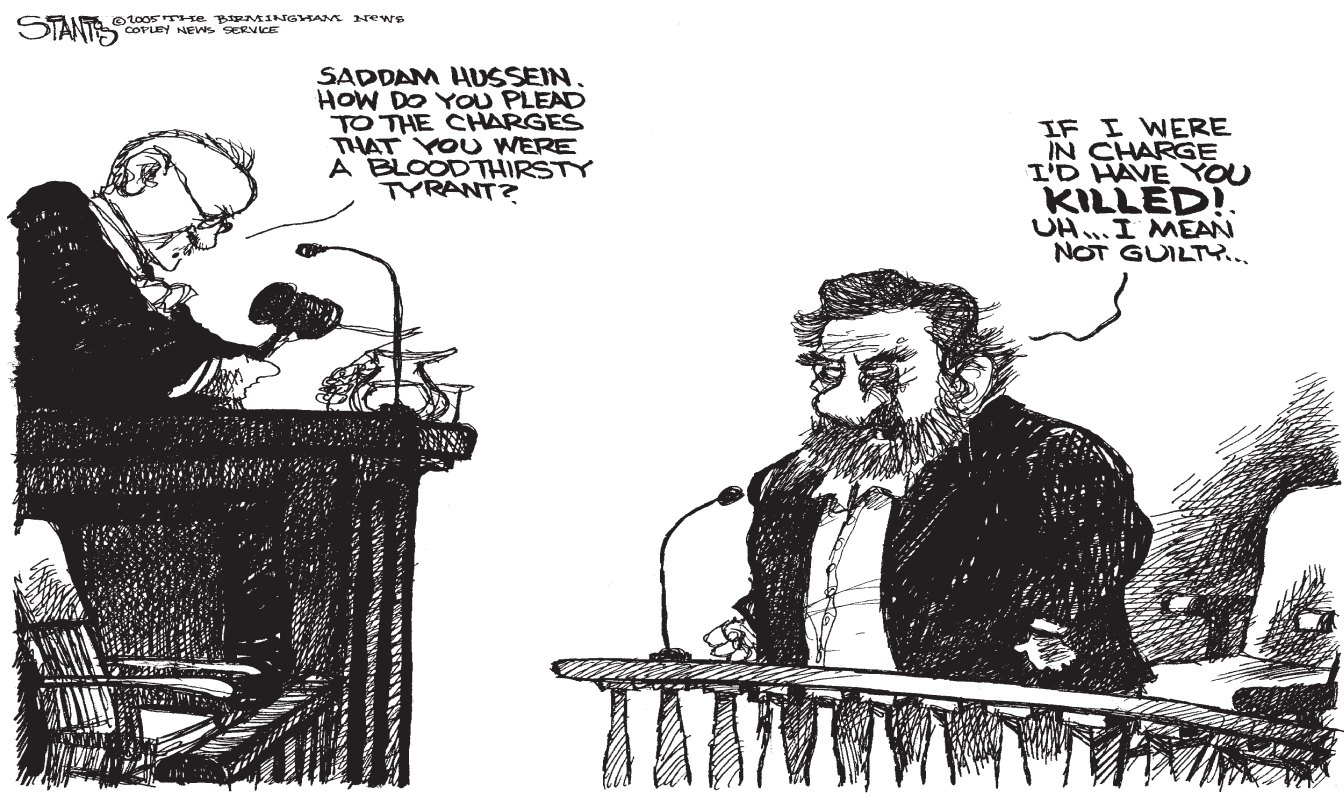
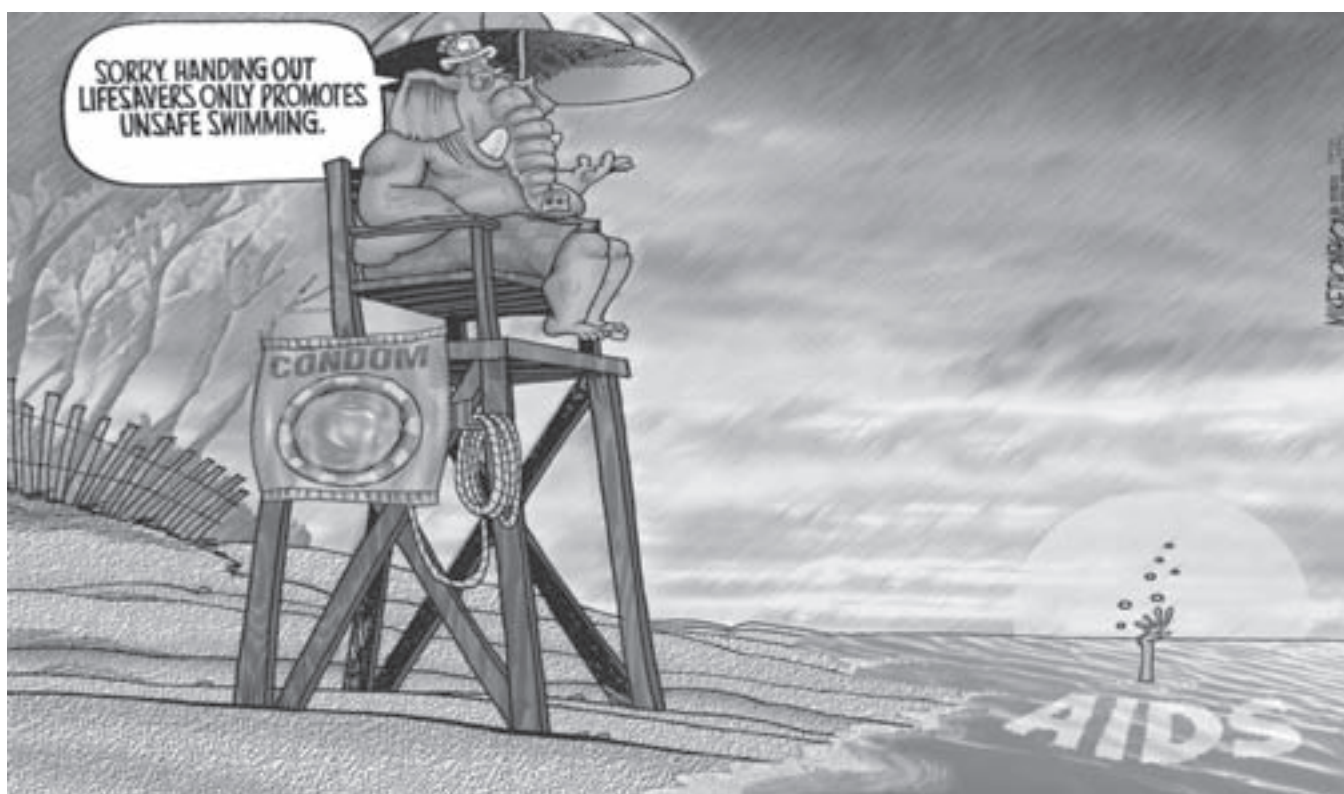
I think the blurb about Justin Holland and Neil Kelly in the article about Zach Morris' death was offensive to Zach as well as to Justin and Neil. This paragraph paints an incomplete and faulty image of Zach's company. Justin and Neil had the honor not to gossip about the story, but your author felt the need to gossip about them. Their history has nothing to do with the events of that night. Editorializing in an article as important as that one is irresponsible and I think you owe your readers an apology.

Daniel J. Guarda '06

Corrections

A front-page article on Friday about the death of freshman Zachary W. Morris incorrectly indicated that video surveillance captured Morris' fall. In fact, the camera only "caught his image as he explored the dock in a private area," according to an MIT press release.

Because of an editing error, an opinion piece on Friday about religion and science, "Separate but Equally Important," included a misstatement in the last sentence of the second paragraph. It should have read "any theory that cannot meet this requirement [of being able to be disproved if incorrect] cannot be said to be incorrect but also cannot be described as scientific."



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, opinion editors, a senior editor, and an opinion staffer.

Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted.

The Tech reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

Guest columns are opinion articles submitted by members of the MIT or local community and have the author's name in italics. Columns without italics are written by *Tech* staff.

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Trio

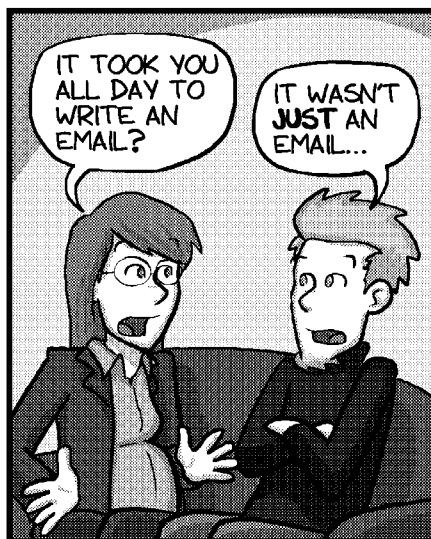
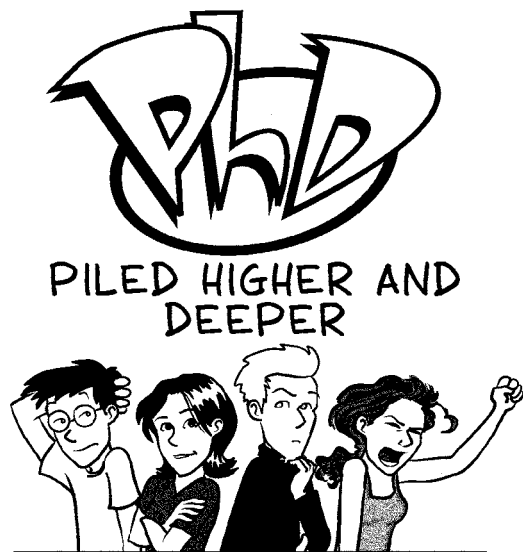
Comments? ALUM.MIT.EDU/WWW/EMIE

by Emezie Okorafor



Moons of Uranus

by Juan Pablo Mendieta



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www.phdcomics.com



su|do|ku

© Puzzles by Pappocom

Instructions: Fill in the grid so that every column, row, and 3 by 3 grid contain exactly one of each of the digits 1 through 9.

Solution, tips, and computer program at <http://www.sudoku.com>; see also solution, page 12.

FoxTrot by Bill Amend

Dilbert® by Scott Adams

Crossword Puzzle

Solution, page 9

Friday Night Salsa Havana Saturdays



Friday Night Salsa
*Greek Club, 288 Green St
 Central Sq \$12 cover*
 8:30 Rueda Lessons
 (w. MIT Rueda Group!)
 9:30 Salsa Lessons
 10:30-2am Dance Party
 "Boston's biggest salsa party!"

Havana Saturdays
*Hoffa's, 114 Mt Auburn St
 Harvard Sq \$8 cover*
 9 Salsa Lesson
 10-1am Dance Party
 (w. Live Bands every week!)
 "Havana Club's house party!"

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HavanaClubSalsa.com
(See videos and photos of Havana Club in action!)

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There's a lot to learn outside of lab

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Bexley GRT/Senior v. Undergrad Softball Game (Undergrads won, 19-9) Photo: Dan Schultz

Learn what it takes . . .

Thursday, Dec. 15th @ 7 PM
Sidney-Pacific Multipurpose Room

Wednesday, Jan. 11th @ 7 PM
Westgate Basement Lounge

Friday, Jan. 20th @ 3 PM
GSC Office, 50-220

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MIT
Wednesday, December 7
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Cambridge Marriott
2 Cambridge Center



President of Maritime Academy is Dismissed

By Courtney C. Gross
THE BOSTON GLOBE

Citing a lack of confidence in his ability to manage the school, the Massachusetts Maritime Academy's Board of Trustees voted yesterday to dismiss its president, Admiral Richard G. Gurnon, six months after the board appointed him, some of those who attended the board meeting said.

The board voted 9 to 1 to dismiss Gurnon, the attendees said. The vice president of the college, Captain Allen R. Hansen, also was summoned by the board. He resigned before the meeting, but attended yesterday's vote.

Hansen has received a severance package, said Geoffrey C. Wilkinson, a former trustee and board chairman, who was on the selection committee that recommended Gurnon's appointment.

No board members returned telephone calls from the Globe. One trustee of the 11-member board, who was traveling, did not attend the meeting.

The board's only dissenting vote was cast by Lisa Gusmini, the school's alumni representative on the board. Gusmini was quoted by the Associated Press as saying that she had been surprised by the move, and that she had asked the board chairman, Arthur Desrochers, for an explanation of Gurnon's dismissal, but he interrupted her and adjourned the meeting.

"I am also in the dark," said Gusmini, a 1986 graduate of the paramilitary college along Buzzards Bay. "I had no idea they were going to do this, and I'm on the board. That tells you how this board operates."

Gurnon received a letter on Thursday from Desrochers stating the board would hold a meeting yesterday to decide on his future at the 112-year-old academy.

Gurnon said yesterday by phone that he was not expecting the letter and was surprised by his dismissal. He is a 27-year veteran of the academy and was the acting president for two years, prior to his appointment by a board vote of 6 to 5 in June.

"All I know is I stand on my performance," Gurnon said. "I am an employee at will ... I serve at their pleasure. They voted their displeasure."

Despite a steady snowfall early yesterday, more than 200 alumni and faculty attended the meeting, many in support of Gurnon, Wilkinson said. Gurnon and Hansen issued separate statements during the meeting, which outlined their accomplishments, Gurnon said.

"He's always been as fair and honest as he possibly could, as recognized by the amount of alumni there today and the support of the former chairman of the board," Wilkinson said of Gurnon.

Specific reasons for the dismissal were not given at the meeting, or in the letter, Gurnon said. Some of Gurnon's supporters said the former president's strict adherence to the academy's regimental handbook might have contributed to his dismissal.

Gurnon declined to allow the Student Government Association to control the school's pub, The Fantail, a policy supported by some members of the Board of Trustees. Gurnon also did not extend the bar's hours to 2 a.m.

The state Board of Higher Education, which meets on Dec. 15, must ratify the dismissal. The academy is

a public college with about 900 students, both women and men. It is one of two "special mission" colleges in the state; the other is the Massachusetts College of Art in Boston.

The college's legal counsel and associate dean, Stephen Kearney, will act as interim president until a replacement is found. He described the decision of the board as a "cumbersome process."

"This has been a difficult week and a difficult day," Kearney said yesterday in a telephone interview. "We will continue to work to improve the school."

The Massachusetts Maritime Academy Foundation, a fund-raising arm of the school, will hold a meeting today at the academy to issue a statement on Gurnon, Wilkinson said.

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The MIT **Muses**
Winter Concert

Featuring
Simple Harmonic Motion
from WPI

Free a cappella!
Saturday, Dec 10 at 8:30 in 10-250

UA

Solution to Crossword
from page 7

R	U	I	N	D	A	R	T	S	A	S	P	S	
A	R	N	O	E	L	I	O	T	L	I	L	I	
F	I	F	T	Y	F	I	F	T	Y	E	X	I	T
T	A	R	V	E	S	T	A	L	R	T	E	S	
S	H	A	K	E	N	L	U	S	T	Y			
	A	S	S	E	T	S	T	E	F	F	I		
A	H	O	Y	E	L	A	N	A	D	I	O	S	
R	U	N	A	S	K	S	O	U	T	V	I	N	
C	R	E	P	T	S	T	U	N	C	E	L	T	
S	T	E	A	M	Y	E	N	E	R	O			
	I	N	S	E	T	V	E	N	I	C	E		
O	R	G	S	S	H	O	R	E	S	S	A	X	
M	A	H	I	S	E	V	E	N	T	Y	S	I	X
A	R	T	E	I	D	E	A	L	E	U	R	O	
R	A	Y	S	R	A	N	D	Y	N	E	O	N	

Power of Blue Gene Could Aid in Wealth Of Physics Problems

Blue Gene, from Page 1

tem in time. The Blue Gene's architecture is especially efficient for lattice QCD computing because it splits up the lattice onto separate processor chips. Instead of having one chip calculate the entire lattice, which could take years to compute, the work is distributed among 1,000 chips.

Negele said that the basic goal of the simulations is to ask the question, "How do those simple interactions give rise to more complex structures?" Most basically, particles like protons and neutrons are composed of different combinations of quarks, and the nucleus of an atom may contain tens of protons and neutrons, all in a structure often stable enough to last thousands of years without breaking apart.

For example, Negele's team recently published a paper in which they computed a governing parameter for how a neutron decays to a proton (called neutron beta decay) to 7 percent precision using the new Blue Gene computer. Higher precision predictions using simulations of a theory allow for a more careful comparison of experiment and the theory.

The QCD team includes research scientist Andrew Pochinsky, who is working on optimizing the computing software, graduate student Dmitry Sigaev, and undergraduate Patrick S. Varilly who is working on his senior thesis exploring diquarks

in protons.

While not being used for QCD, MIT's Blue Gene is also part of a government research project. Negele said one reason the DOE chose MIT as a recipient of the Blue Gene computer is because the department hopes the quality of MIT's engineers will prove useful in further optimizing the supercomputers.

MIT programmers work on optimizing performance and getting the computer up to maximum speed and also figure out what kind of software

Blue Gene's architecture allows efficient computing of lattice quantum chromodynamics calculations.

tricks can be used to develop tools for others. Blue Gene can also potentially be used for other areas of research including plasma physics, astrophysics, condensed mat-

ter physics, combustion physics, and ocean atmosphere modeling.

The computer is stored on the far west side of campus in Building W91, which is especially designed to support an uninterrupted power supply. Negele said the introduction of the Blue Gene computer was also beneficial for energy considerations at MIT because it "stimulated MIT to rethink what they're doing about power supply."

Since Negele hopes to bring another Blue Gene computer to MIT, "the institution has to supply the power and infrastructure" to accommodate another such powerful machine.

The supercomputer was dedicated on Nov. 10, according to a press release provided by Negele.

MIT BrainTrust Presents



Leonardo da Vinci
and the Search for the Soul

Followed By a talk on
Progress in the Surgical Treatment of Gliomas

By **Rolando Del Maestro**
Director of Brain Tumour Research Centre at Montreal Neurological Institute and Hospital
Professor in Dept. of Neurology and Neurosurgery, Dept. of Oncology,
and William Feindel Chair of Neuro-Oncology at McGill University

Friday, December 9th, 2005
5:30-7:00 pm
54-100

Refreshments Will Be Served

Sponsored by MIT BrainTrust, UA FinBoard, Council for the Arts, MIT Fund

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December 8-11

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 Fri. 12/9 @ 8pm
 Sat. 12/10 @ 4pm & 8pm
 Sun. 12/11 @ 2pm
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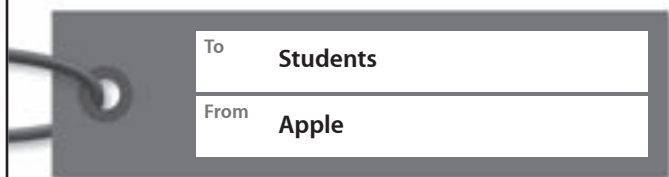
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As Willmore Retires, Public Affairs Work Being Reconsidered

Willmore, from Page 1

Hockfield took office, but stayed on to help her get started.

Willmore said the President's Office is considering restructuring its public affairs efforts, now that she and John C. Crowley, vice president for federal relations, are leaving office.

"We're just taking a step back to look at how we organize all of our external relations," she said, referring to MIT's programs at the federal and local levels, as well as the media and business community. Crowley's position will also change from a vice presidency to director of the Washington office, she said.

"It's a question of the degree to which we can most effectively coordinate the various aspects of our external relations," she said. "It works well, but I think we can make it work better."

The Corporation, MIT's Board of Trustees, will also be looking for a new secretary. She said that while it is possible for the position to be filled from outside the Institute, "it's very helpful to have someone who

really knows the institution."

Hockfield commented to *TechTalk*, "With quiet professionalism Kathryn has managed a demanding portfolio of responsibilities, including the administration of our governing board and the coordination of public relations services."

MIT gains a new look in 40 years

Willmore said in her time at MIT, she has seen the Institute welcome many more women and minorities and has also increased its interdisciplinary focus and international involvement.

"When I first came here — that was in June 1965 — and if you just looked at the face of MIT, it really was white male engineers and scientists," she said.

"If you look at who we are today it is just so very, very different. There were very, very few women undergraduates," and even fewer who were faculty, she said. The change was important not just for the Institute's demography, but also for its culture, she said.

MIT's interdisciplinary research is "an extraordinary strength," which has grown over time, she said. Whereas interdisciplinary research meant work across departments inside the same school several decades ago, today it means crossfield work between biology and physics, for example.

Such interdisciplinary work "is really now a hallmark of the MIT culture," she said.

Another change has been MIT's greater involvement with the outside world, she said. "Our engagement with the broader world both nationally and internationally has continued to grow. In the 1960s we really did reach out." For example, "that was a period when MIT helped get the India Institute of Technology started," she said.

Willmore said her first job at MIT was in the dean's office of the Sloan School in the fellows of Africa program. She said the program sent about 15 recent master's graduates from Sloan to the many countries in Africa just emerging as newly independent at that time. The graduates would serve as consultants for the new governments, with the proviso that they had to return after two years to prevent too deep of a role in a country's development.

Today, she said, OpenCourseWare "is using today's technology to do what we did in the 60s," when many engineering PhDs from MIT went out into universities around the country and began writing widely-used textbooks.

When asked how the Corporation has changed over the past 10 years, she said that the demography of the Corporation has not changed as dramatically as MIT as a whole.

The Corporation "takes a very long-term view" on MIT's future, she said, and one of its primary concerns in the coming years will be the Institute's financial growth and stability.

"They have a long-term responsibility to look out for the long-term well-being of the Institute," she said.

Forum on American Progress (FAP) presents — Alan Dershowitz —



*“The United States’
Role in Mediating a
Resolution to the
Arab-Israeli Conflict”*

- 7:30pm to 9:00 pm
- Tuesday, December 6, 2005
- Room 26-100



For more information, e-mail fap-info@mit.edu.
Funded by UA FinBoard.



This event is sponsored by MIT's School of Humanities, Arts, and Social Sciences; MIT Students for Israel; MIT Hillel; Jewish Student Activism at MIT; Hasbara Fellowships; and The Jewish Community Relations Council.

Solution to Sudoku

from page 6

7	1	9	3	6	8	2	5	4
2	6	5	9	1	4	3	7	8
4	8	3	7	5	2	1	9	6
5	7	8	6	3	1	9	4	2
1	3	4	8	2	9	7	6	5
6	9	2	4	7	5	8	1	3
8	5	1	2	4	7	6	3	9
9	4	6	1	8	3	5	2	7
3	2	7	5	9	6	4	8	1

First African-American Woman Named to Harvard Corporation

By Marcella Bombardieri
THE BOSTON GLOBE

Harvard University for the first time named an African-American woman, legal scholar Patricia A. King, to serve on its governing corporation on Sunday.

King, a specialist on biomedical law and ethics at Georgetown University Law Center in Washington, D.C., will replace Conrad K. Harper, who resigned in July after pressing the corporation to deny a pay raise to Harvard's president, Lawrence H. Summers '75, after Summers publicly speculated that women may not have the same "intrinsic aptitude" for science as men.

In his resignation letter, Harper, an attorney, had said the university's "best interests" would be served by Summers's resignation, and said Summers had demeaned groups underrepresented in academia, including women and blacks.

Reached Sunday night, Harper said he thinks highly of King. "I am glad that Harvard will have the benefit of her wisdom and experience."

The choice of Harper's replacement was eagerly anticipated, both because he had been critical of Summers and because he had been the only racial minority on the board, which has seven members, including Summers. Yesterday's announcement was received with enthusiasm.

"She won't toe anyone's party line — she's a rigorous, independent thinker," said Henry Louis Gates Jr., chairman of African and African-American studies at Harvard. "We've all been holding our breath since Conrad Harper resigned; this will be greeted warmly and heartily."

An influential group of current and former department chairmen recently issued a call, in an open letter in Harvard Magazine, for the corporation to

choose someone with "deep knowledge of and a close affiliation with the academic world."

Most other corporation members tilt more heavily toward the business world, although the newest member before King, Nan Keohane, is a former president of Duke University and Wellesley College.

Arthur Kleinman, chairman of the anthropology department and a signatory to the open letter, said members of the corporation have done a better job consulting faculty this fall than they had during the height of the controversy in the spring, when the Faculty of Arts and Sciences voted no confidence in Summers. With Keohane and King joining the board, "I'm optimistic that it's a fresher, more dynamic group that strikes me as more open to the voice of the faculty," he said.

King, a 1969 graduate of Harvard Law School, has been on the Georgetown faculty since 1974. She recently ended a five-year tenure as chairwoman of the board at Wheaton College in Norton, her alma mater, and is vice chairwoman of the Kaiser Family Foundation.

King has long served as a mentor to black and female professors at Harvard Law School, said professor Charles J. Ogletree, who last night described himself as ecstatic over the appointment. Ogletree is a longtime friend of King's and serves with her on the Kaiser board.

When the board debates difficult topics such as AIDS in South Africa or American children watching too much television, nothing can be resolved

without King's input, he said.

"After we do all our posturing and complaining, we have to ask, 'What does Pat think?'" he said. "We all share her views, but we can't articulate them as well."

Ogletree said that the corporation discussed King's appointment "with all the right people," but declined to discuss the process.

In her 1991 Senate testimony against the confirmation of Supreme Court Justice Clarence Thomas, King described growing up in a female-headed household in a public housing

project in Norfolk, Va., and attending segregated schools. She said she could apply to only one college because her family couldn't afford multiple applications, and the only way she could attend Wheaton was for her uncle to put a second mortgage on his house.

King said she was reluctant to share her story, because it did not impact her professionally, and "I don't want people's sympathy or their condescension." But she also said she benefited from affirmative action in her admission to Harvard Law School.

"Somehow, Judge Thomas seems not to remember those he must have encountered along the way who were lost to the darkness simply because there was no help for them," she said then.

King is married to Roger Wilkins, a Pulitzer Prize-winning author and professor of history at George Mason University in Virginia, who also serves on the board of the NAACP legal defense fund. They have a grown daughter.

*"She won't toe anyone's party line — she's a rigorous, independent thinker."
—Henry Louis Gates, Jr.*



The "I'll Just Have One More" Martini

- 3 oz. gin or vodka
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- 1 too many

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The statue of Former MIT President Julius Adams Stratton '23 on the first floor of the Student Center donned a Chillball headband on Monday, Dec. 5, presumably to help him survive winter's dropping temperatures.



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Hastings: MIT Should Teach Communication Skills

Hastings, from Page 1

and have the skills so that they can add value.

TT: How does that relate to an academia-focused student? How would you prepare them?

DH: Most people come out of undergraduate and go to graduate school. So the question is, are we preparing them to communicate well, to understand how science and technology is educationally done in other countries, to understand what other countries contribute?

MIT, as an institution, sends less students abroad than many other schools. I'm not saying I'm convinced that's the only answer, but it's certainly an answer. There may be other ways we can give this ... maybe by global summer internships, maybe by having more of the CMI exchange program.... Here in 2005, the trends we see will only increase. There will be more of a global flow of people, competing with other nations such as China or India who are producing lots of good trained individuals, but who cost much less. One-fifth of the cost.

TT: All my cousins in China.

DH: [Laughs] So, what are we producing in our undergraduates that's of value if we're going to move in that world? I really want to think through that. There are a number of national calls to think about how to educate students differently

to be contributors in that kind of world.... MIT has the opportunity to lead because one of things we know is what we do, people will look at. If we do sensible things, people will follow.

The third thing I'm very interested in thinking through is how we get more women and minority students to go to graduate school. The country is half women, but we don't see the same kind of statistics reflected in graduate school. That's an issue you can't address in graduate school.

TT: You have to do it before.

DH: It's too late to address it in graduate school, you got to do it before. I'd like to think seriously about how we can do this at MIT and how we show leadership in doing this for the country. We've been actually so good here in getting a science and technology centered education that the number of women and minorities going into it is increasing. People can't believe it when I tell them that MIT is 45 percent women students. I'm serious, people can't believe it because they have this vision that a science and technology centered education is male. But you know it's different.

TT: Do you feel that your best shot at changing this is at the undergraduate level?

DH: You probably have to start at freshman year. Whether students realize it or not, they choose for graduate school by the things they start doing freshman year. Whether people realize it or not, that's what's going on....

TT: How would you describe the culture of MIT undergrads today?

DH: Work hard. Play hard. High energy. Intense. And you see, you see some interesting data points. So this is the only institution I know that has the phrase IHTFP. I mean, do you know any other institution that has that?

TT: Not as pronounced, I guess.

DH: It tells you that it's intense. It tells you there's kind of a love hate relationship. Another very interesting data point is the percentage of alumni who give back to the institute. It's a good percentage, but there are other institutions where the percentage is much higher, much higher. What that tells you is that some fraction is just turned off by MIT. They probably had an intense experience here. There's a

whole bunch of wonderful things about the MIT culture: hard-driving place, a lot of people working to solve a problem, but that's what I think.... The word that comes to mind is intense.

TT: What are you going to do to foster this environment? Or, do you want to change it?

DH: Well, I'll tell you what I think MIT undergrads need more of. It's time for reflection. There's precious little time for reflection with the curriculum and the life here. Now, having said that, I realize how deep in the culture the MIT way of life goes. I think we can think seriously about how this institution can better

integrate life and learning. I hope we can give people more time to reflect, more creative experiences. Now, having said that, I know how deep MIT culture goes, I'm not going to say this is easy. This is very, very deeply rooted in how the dormitories operate.

TT: And you worry that if you change the culture, you might get different kinds of student?

DH: Well, fortunately, in terms of the country, we're headed to a

"The skills to communicate and to balance different stakeholders and to understand how to lead an organization, those skills tend to last."

period of more people applying to college, so I don't believe there will be a shortage of people applying. But you're right, we don't want to change the fact that we attract the best and brightest students.

TT: How have your varied experiences teaching and non-teaching prepare you for this position?

DH: Well, the teaching, because I've taught undergraduates here, and I've always been amazed at their energy and the intensity at which they approach the task.... So, I've had a lot of fun teaching undergraduates. And outside of that, I've done a fair amount administrative work. I run a department; I've run different parts of a department. You know, I have a fair idea of how to encourage facul-

ty to move along. Now, I understand that the DUE has a lot of people. But these are very important offices: admission, financial aid. These are the core of the undergraduates here.

TT: What are some of the challenges facing MIT undergrads that aren't necessarily in the curriculum?

DH: Well, first of all, let me say this, we have a lot of excellent students.... They're smart individuals

with the kind of stuff it takes to do well in the globalizing world that is yet to come. Hopefully, we add some value as you go through MIT.

First of all, I think the challenge of MIT is to truly add value and to prepare you for this future. Given of course, I understand, is that undergraduate school for most undergraduates is a fulcrum, a passage in life. For most undergraduates, we leave the parents, and we transition to being an independent adult. It's a transition where you come together with other like-minded students who go through these rites of passage and move onto graduate school....

I'm very less worried about

giving you the knowledge.... How will we give you the skill set, and the attitude, that will enable you as a student to continue to adapt, and to lead, and to thrive in this future world where there are these global economic forces. Companies will make choices based on lowest cost, where there will be new opportunities for innovation.... How do we help MIT students lead and create those companies? We've done pretty well, and we'll continue to do pretty well....

I want it to be the case, 25 years from now, that they say to me, "You prepared us well for that happened

in our lives." Generally speaking, it's not knowledge; knowledge is ephemeral. I mean, you're in Course 6 now. My guess is that in five years, almost everything that you know now will be almost obsolete. I mean, V equals IR is not going to be obsolete, but some of that high-level stuff you [learned] about circuits will be old. But the skills to communicate and to balance different stakeholders and to understand how to lead an organization, those skills tend to last. And the attitude which says, "I have to be a lifelong learner" — those things last. I want to prepare students well for this.

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MIT Volunteers Spend Time With Cambridge Kids



Students joining the MIT Chapter of the Boston Intercollegiate Service Organization ran educational activities such as reading stories and identifying animal footprints at the Community Cambridge Center in Central Square on Friday, Dec. 2.

Top left: Shelly Manber '08 and Behram F. Mistree '07 read a story about penguins to children.

Bottom left: Tejia Zhang '08 helps children make puppet animals at the Cambridge Community Center (CCC).

Above: Nicole L. Pershing '06 helps a child make a symmetrical snowflake.
Photography by Christina Kang

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Successful bids appear on your Registration Form on February 6 and will be posted on the bidding website as of January 4 -- write down your password to check results!

Any Changes at Crossroads Bar Unclear; New Facts on Accident

Accident, from Page 1

cause of death report may provide an authoritative ruling about whether or not alcohol had a role in Morris's death.

Several new facts about the night Morris died have become available since *The Tech's* previous story last Friday. The video surveillance camera did not show Morris' fall, as was reported previously. Instead, according to an MIT press release, "He apparently headed to the wharf alone

where a surveillance camera caught his image as he explored the dock in a private area. Morris was found on the public sidewalk outside the fenced area at 6:45 a.m. in a manner that suggests he fell while climbing over the fence."

MIT Police Chief John DiFava said that MIT is not pursuing an investigation into Morris's death. The investigation is "entirely the Boston Police Department's investigation," DiFava said.

It is unclear whether there will

be changes at Crossroads, the bar where Morris drank alcohol the night of his death.

John, a Crossroads employee who declined to give his full name, said he was not aware that the bar had sold alcohol to a minor on the night of Nov. 30. The bar's policy is to card everyone who comes in the door, he said. He also said that he had not heard of any recent enforcements or checks on the policy. The bar's manager could not be reached for comment yesterday afternoon.



Ask a MedLink

Need help to help

Dear MedLink: We are having a problem in our hall with a student we all know is bulimic. I am concerned for her health as well as for the health of all my hallmates. And we are disgusted when we hear her purging in the bathroom. This has been going on for some time. Is there any way we can help her find a cure? —**Concerned**

Dear Concerned: Your hallmate is very lucky to have someone like you who is concerned about her health. And so many people our age struggle with body image issues and eating disorders that it is really great to be able to answer a question on this topic.

I brought your concerns to social worker Audra Bartz, L.I.C.S.W., of MIT Medical's Mental Health Service. According to Bartz, your friend may be dealing with bulimia nervosa (an eating disorder characterized by a cycle of bingeing and purging) or she may have a kind of anorexia nervosa with bulimic symptoms. Purging after overeating may seem like a great way to eat as much as you want without gaining weight, and people often decide to try it "just this once." Unfortunately, says Bartz, once started, this routine can become habitual and is extremely dangerous. Fortunately, this disorder is treatable.

You may worry that your hallmate will be defensive, angry, or embarrassed if confronted. She might be, but even if she is not ready to seek help, it may be good for her to know you are concerned. Before talking with her, have some resources ready to share. You could start by speaking with the MedLink in your living group, your graduate resident tutor, or your housemaster. Clinicians at MIT Medical's Mental Health Service (3-2916) and health educators in the Center for Health Promotion and Wellness (3-1316) are also available to speak with you and offer advice. I wish you the best of luck in helping your hallmate. —**Pam**



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We can't respond individually, but we'll answer as many questions as we can in this space. And you can always talk with a MedLink in person; see <http://web.mit.edu/medlinks/www/> to find the MedLink(s) in your living group.

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Curious, Energetic, and Bright, Morris Brought Cheer to MIT

Morris, from Page 1

also be going on an early morning adventure.

"He actually banged on my door at nine in the morning to get me to go" to a Harvard vs. Princeton football

game, recalled Amanda E. Baker '08. At the game, she remembered saying how it might have been nice to go to Harvard instead of MIT, but Morris "didn't share that opinion at all."

"He'd always say he was 'fixin' to do something'" in a Texas twang, said Luke H. Harris '08.

When Morris was fixin' to make something happen, that often meant a party was in the works, noted Ryan L. Brunswick '09. That, or a spontaneous pilgrimage on a "Mecca McDonald's run" for a Big Mac early in the morning, like the one Brunswick, Morris, and a friend took in Montreal on a trip with the Lambda Chi Alpha fraternity.

If he couldn't convince anyone to wake up early for breakfast, or go out on an adventure, Morris wasn't afraid of heading out on his own. One day, Routhier said, she called Morris up to go out for dinner, but he said he couldn't come because he was at a party in Princeton. "I saw you two hours ago!" she told him, wondering how he managed to magically end up in New Jersey.

"I think he was probably MIT's best bullrider," said Tai C. Conley '08, describing how Morris managed to stay on an electric bull even at the highest speed.

Michael Morris, Zach's father, remembered him in part as an avid moviegoer, who always had to see a good movie on opening day, when it was still fresh.

Morris would often go to the movies on his own, disappearing with little notice and coming back as if nothing had happened, Routhier said.

Cantu recalled one night when she, Morris, and Routhier were returning from Quizzno's, and Morris said, "You know, there's the basement in the Infinite," and we should explore it. She told him that they would get lost, but he insisted that he had seen "some door that he said he was sure was an entrance to Baker" through the basement. The next night, Morris ventured out on his own in search of a secret passage to west campus, as far as we without success.

"He never took the beaten path," Michael Morris said. He told a story of how on one skiing trip, he said to Zach, "'Zach, let's stay on the trail,' but he wouldn't stay on the trail. He would insist on skiing through the trees."

"Zach always did what Zach want-

ed to do," he said.

An uncanny knack for friendship

Having an independent streak didn't stop Morris from connecting with everyone around him.

"Zach's life was all about inclusion, never exclusion," Michael Morris said.

Harris, who is studying at MIT while Tulane University recovers from Hurricane Katrina, said that Morris "had an uncanny ability to make friends" and helped introduce him to people at MIT. "It just always seemed like he knew everybody ... Everywhere we went he would know somebody," even if it was just one person. "From the day I got here it was like that."

"I don't know anyone who didn't like him," Routhier said, and Morris would say hello to everyone. After greeting some random person in a hallway, "I'd say, 'Zach, who was that?' He'd say, 'I don't know.'"

At least a part of Morris' magic was a constant enthusiasm for meeting new people.

Routhier and Cantu first heard from Morris because he had created a group on the Facebook for all freshmen temporarily housed on the first floor of the Baker dormitory, and he convinced them to join.

Kao first met Morris when he arrived several days early for Campus Preview Weekend, characteristically enthusiastic and raring to go. Kao was walking down the Infinite and was introduced to Morris when he stopped to say hello to a friend talking to Morris.

Baker had already heard of Morris from her fraternity friends by the time fall rolled around. She said they had described him as a tall, blond pre-frosh, "pretty good looking, especially for MIT," with a striking resemblance to the main character of *Saved by the Bell*. One day early in the fall, she saw this blond kid standing outside the Student Center looking confused, so she walked up to him and asked if he was Zach. She had guessed right, and she said they joked about it later on.

Humor, especially to brighten someone's day, was a strength for Morris.

"If you were bogged down he would crack a joke" and cheer you up, Cantu said.

In his quest for a laugh, Morris also brought to bear his Texas upbringing. He would greet Cantu and Routhier with "Hey, oranges" or "Hey, little girls" with typical Texan charm.

"He would always say 'come on y'all,' all in one word," Baker remembered.

Morris also had his physical gags, with a special wink-wink and raised eyebrow for Baker, or would call out "hammer time" for him and a friend to cross forearms as if in a mock struggle.

Morris "willingly accepted any challenge put before him," and was living his dream by coming to MIT, his father said. His friends described him as curious about everything, always interested in learning about a major at MIT.

"He told me that he wanted to be in a research environment and he wanted to be around brilliant people," his father said. Morris was interested in AIDS research, he said.

But whether Morris would have settled for just one challenge, just one company to found, just one field to study, is a question that will be left unanswered.

Morris's father said that about 500 people attended a memorial service for Morris this weekend, traveling from many states to share their stories of him — and it is memories of Morris as a friend, leader, partyer, and avid learner that will remain.

"I will never forget Halloween night when he and I went as the Wedding Crashers," wrote Casey L. Adkisson '08 in an e-mail. "We both dressed in tuxes and went around introducing ourselves as Bobby O'Shea and Shamus O'Toole. Good times ... He will be missed by all."

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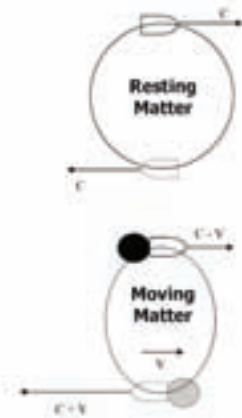
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Men's Basketball Excels In Non-Conference Play

Men's Basketball, from Page 20

D'Auria and Barolotta, and his interior players like Juneau.

Juneau was a force in the post, catching the ball with his back to the basket and drop-stepping towards the hoop. He's listed at 6'10" and uses that height well, keeping his feet positioned correctly and the ball far away from pesky (and much shorter) guards.

MIT has had great guard play early this season but hasn't found a consistent inside threat. Before Saturday, the only MIT forward to reach double-digits in scoring was Phillip E. Murray '06, who had 13 against Suffolk University and is not a true

center.

The Blue Jay's shot much better in the second half, 47 percent from the field, which meant that MIT's lead stayed at around 15 fore most of the half. The Blue Jays' shooting percentage went up because MIT's defense wasn't as intense but also because they made more of their open shots.

Like last year, MIT is having a good non-conference season. It remains to be seen whether that will translate into a winning record during conference play, which it didn't last year. The keys will be continuing Saturday's success in the post and finding a way to get D'Auria open shots against tougher defenses.



James M. Bartolotta '09 (25) and Gary R. Atkins '06, far right, reach for a rebound during MIT's 67-50 victory over Polytechnic University on Saturday, Dec. 3.

STANLEY HU—THE TECH

Engineers' Bench Performs Well In Blowout Win Over Polytech

Women's Basketball, from Page 20

points in 23 minutes of action. Yuan, an outside shooter, had a great day from the field, shooting 64 percent and hitting 2 three-pointers.

Coordinating things as usual was point guard Kimberly E. Soo Hoo '08, who dished 8 assists and dropped 10 points of her own. Soo Hoo led MIT's new fast-paced attack style with quickness and court vision, executing look-off and shovel passes in the fast break and directing traffic by pointing and yelling instructions to her teammates.

Before Coach Trish O'Brien turned to the bench for the last 10 minutes, MIT's offense committed only 4 turnovers and shot 45 percent from the floor.

But the overriding story of the game was Polytech's ineptitude. Their offensive leaders, Elizabeth Clifton and Kristen Partch, scored

29 of their points but needed 26 shots to do it, and also committed 17 turnovers. Clifton was often out of control during Blue Jay's fast breaks, on one occasion running into Cherelle R. Walls '07 who took the charge and earned a standing ovation from her coaches and teammates.

Defensively, the Blue Jays gave MIT free reign to shoot three pointers early with a 3-2 zone that didn't cover the perimeter well at all. After switching to a man-to-man the story wasn't much better, as MIT's fast break

beat a fatigued Blue-Jays squad down the floor. MIT's weaknesses early in the season, fouls and rebounding, were

problems on Saturday as well, but not to the extent of their early games. MIT gave up 15 offensive rebounds and committed 19 fouls leading to 19 Polytech free throws attempts. But the bright spots far outweighed the dark, as MIT's bench played extremely well. Seven bench players got 10 or more minutes, and together they scored 29 points and

actually extended MIT's lead by two after the starters were removed for good with 10 minutes to play.

The win moves MIT's record to 3-2 on the season.

They play one more non-con-

ference game before winter break, at home against Westfield State on Tuesday, Dec. 13. Conference play begins in January.

MIT Women's Basketball dominated a struggling Polytechnic team in a 75-42 rout.

If Texas Had Lost, LSU Would Have Been the Best Pick for the Rose Bowl

BCS, from Page 20

this hypothetical world would be LSU. The biggest reason is that with a win Saturday, they would have been the champion of the deadly SEC. Sure, the Gators and Volunteers have dropped from their high thrones, but Georgia, Alabama and Auburn have taken their places, maintaining the SEC's status as the toughest conference.

The other four would have a tougher time convincing me that

they are Rose Bowl worthy. Oregon did not play UCLA, one of the major powers in their conference. More importantly, I don't think they can match up with the other teams in question.

To avoid possible BCS mishaps, NCAA football should consider a switch to a playoff system.

Penn State, Virginia Tech, and Texas wouldn't deserve it because they play in weaker conferences than

the SEC and weren't as consistently dominant.

So, what is the solution? Playoffs are probably the only way to go. I may sound like a broken record say-

ing playoffs are the solution to all of college football's problems, but just look at the NCAA Basketball tournament. It's a simple concept: pick a bunch of teams, who have a possibility of being a national champion, and let them duke it out.

Sure, the teams on the bubble will complain about not being selected. But the likelihood of the "true" best team being left out is a lot smaller when you let eight teams in that when you only let two in, which is the current system.

And maybe then, instead of whining during Christmas, we can have exciting football playoffs that spur on office pools and more unproductive Saturdays.

Engineers Suffer Tough Loss in Overtime

Gordon, from Page 20

the score was tied 4 times, but the lead changed only once in the game, halfway through the second half when Gordon took the lead from the Engineers.

Jimmy M. Bartolotta '09 had two clutch three pointers down the stretch to keep MIT close, including one that brought Tech to a 49-50 deficit with 26 seconds remaining. After two made free throws by Jerry Logan of Gordon, MIT brought the ball up the court with only seconds remaining, trailing 52-49. The ball was passed to

Gary R. Atkins '06 at the top of the key, who handed the ball off to Michael W. D'Auria '06. D'Auria took a step back to get both feet a hairsbreadth behind the arc, and nailed the three to bring MIT even with Gordon with less than 10 seconds remaining. Gordon couldn't find the basket on the other end, and regulation ended with the score tied at 52.

The Engineers fell behind quickly in overtime, and were ultimately overcome by the free throw shooting of the Fighting Scots, who hit 6 of 9 down the stretch to close out a 64-59 win in overtime.

The Engineers were led by D'Auria with 24 points, while Bartolotta and Daniel F. Kanamori '06 contributed 16 and 10 respectively. D'Auria was one rebound and 3 assists shy of a triple-double, and led the Engineers in both categories. Gordon College was led by Jerry Logan and Jon Marstaller with 20 and 22 points respectively.

Watch the Engineers close out their fall campaign this Tuesday against the Mount Ida Mustangs at 7 p.m. in Rockwell Cage.

—Evens T. Boney '06, Assistant Coach

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SPORTS

Women's Basketball Defeats Polytechnic With Tough Defense

By Travis Johnson
ASSOCIATE SPORTS EDITOR

The MIT Women's Basketball team blew out visiting Polytechnic University 75-42 this Saturday, led by 29 bench points and suffocating defense.

The Polytechnic Fighting Blue Jays, hailing from Brooklyn, were clearly outclassed from the tip-off onward. They showed no ability to break MIT's press defense, turning the ball over 15 times in the first half. With

the press defense working and leading to easy shots for their offense, MIT jumped to a 14-3 lead and never looked back.

After the initial blitz, MIT moved their defense back to the half court but didn't turn down the pressure. By the end MIT's defense and Polytech's sloppiness gave MIT 33 points off 30 turnovers.

Leading the charge offensively for the Engineers was star freshman Clara J. Yuan '09, who scored 16

Women's Basketball, Page 19



STANLEY HU—THE TECH

Karen A. Kinnaman '06 is fouled as she shoots over two defenders during MIT's 75-42 victory over Polytechnic University on Saturday, Dec. 3. Kinnaman scored 10 points and teammate Clara J. Yuan '09 scored 16 points to lead the Engineers to a 3-2 record this year.

Men's Basketball Loses in Overtime

MIT was defeated for the first time this season earlier last week, in a Thursday match up with the undefeated Gordon College Fighting Scots (now 5-0).

Sports Shorts

MIT got off to a great start in the game, and led by double figures with 11:35 remaining in the first half. Gordon was held to only 3 field goals on 16 shots, but nailed 14 of 18 from the free throw line to trail by only 5, 25-20, at the half.

The second half would be a different story, with the Fighting Scots heating up from the field, shooting 12-24 (50 percent). Down the stretch

Gordon, Page 19

UPCOMING HOME EVENTS

Tuesday, Dec. 6, 2005

Varsity Men's Basketball vs. Mount Ida College

7 p.m., Rockwell Cage

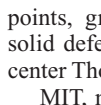
Varsity Men's Ice Hockey vs. College of the Holy Cross

7 p.m., Johnson Ice Rink

Men's Hoops Finds Post Presence And Shoots Well to Beat Polytech

By Travis Johnson
ASSOCIATE SPORTS EDITOR

The one thing missing for MIT Men's Basketball so far this season has been an inside presence, and they found one in Saturday's 67-50 win against Polytechnic University. Adam D. Juneau '09 came off the bench to score 10



points, grab 9 rebounds, and play solid defense against the Blue Jay's center Thomas Young.

MIT, now 6-1 on the season, got on the board first Saturday when Senior guard Michael W. D'Auria, sunk a quick three-pointer. Daniel F. Kanamori '06 added another three to give MIT a 6-2 lead early.

But turnovers and poor execution stalled the Engineer offense for the next ten minutes, and Polytech built a 14-11 lead with 10 minutes to play in the first half.

This stretch was actually a missed opportunity for Polytech: they had more possessions than the turnover-prone Engineers and got open shots but only hit a meager 24 percent. Their lead should have been a lot bigger than three points.

The Engineers soon got back into an offensive groove. Over next 10 minutes, D'Auria hit two more 3 three-pointers, and James M. Bartolotta '09 and fellow freshmen Juneau together added 11 points. With Polytech's offense still sputtering, MIT had a 31-20 lead at half time.

The second half saw an improved Blue Jay offensive effort, particularly from guard Lindon Ivezaj who hit 14 second half points on good outside shooting. But it wasn't enough. MIT added fast breaks and interior



STANLEY HU—THE TECH

Michael W. D'Auria '06 fights for control of the ball with two Polytechnic University defenders during Saturday's victory at home. D'Auria scored a career high of 26 points and added a game-best four steals to lead the MIT offense.

scoring to their outside attack. Point Guard Kanamori led the break for MIT and ended the game with 10 assists and only 2 turnovers, excellent numbers for a point guard.

Kanamori also did a good job in the half court of penetrating the defense and finding both his shooters,

Men's Basketball, Page 19

The BCS Nightmare Barely Averted: Five Teams, Two Championship Bids

By Yong-yi Zhu
ASSOCIATE SPORTS EDITOR

Every year around this time, we wonder about a lot of things. We wonder what Santa Claus is going to bring us for Christmas. We wonder if all those calories we packed on during Thanksgiving are actually going to disappear as we hope.

And we wonder if the BCS is going to need more tweaking next year.

This is the first time that we won't have to deal with the possibility of a split national championship or a major dispute from the number three

team. But had the dice rolled another way, the post-season picture would be quite different.

Let's look at what would have happened if Texas and USC had both lost convincingly and LSU and Virginia Tech had both won. In this alternate universe, all four of these teams would have only one loss. Who would be deserving of the chance to go to the National Championship then?

You could make a case for any one of USC, Texas, LSU, Virginia Tech, Penn State, or even Oregon. Of the teams with one loss, these are the ones that have played the toughest all season long.

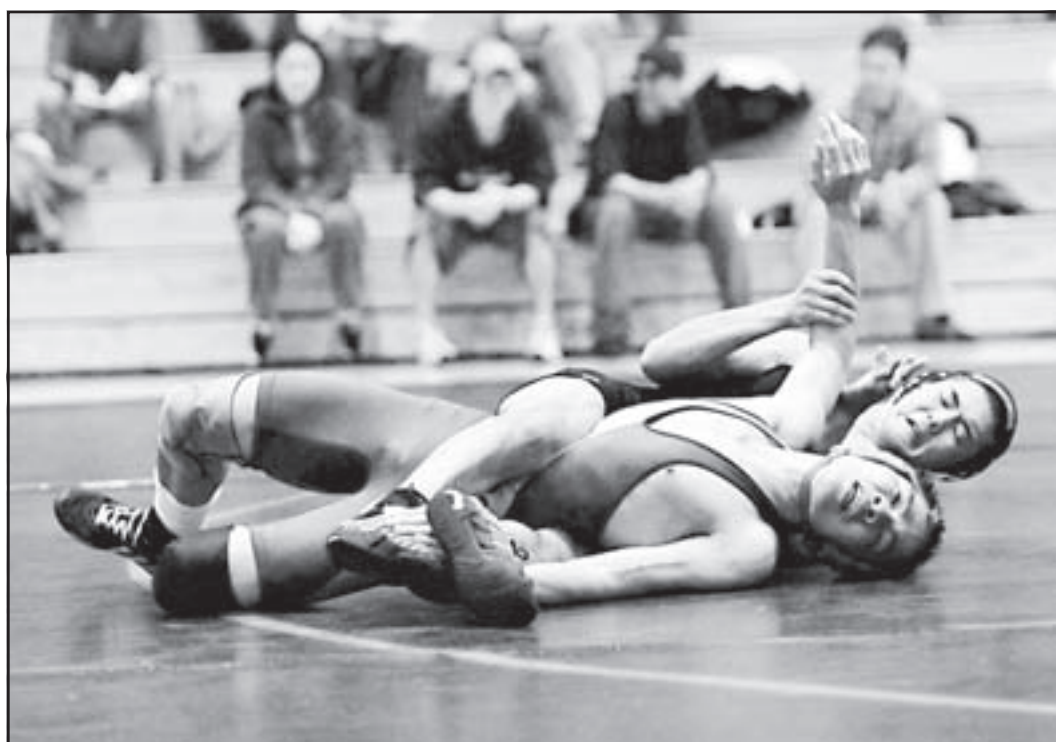
Start with USC, the clear favor-

ite to win the real national championship. Would they be going to the Rose Bowl if they had lost Saturday? They had to deal with a tough Pac-10 this season, with the likes of UCLA and Oregon, and being champion of that league is tougher than ever.

Some argue that they didn't have to play a conference championship game. But that shouldn't disqualify them, given all their huge wins this season. The bottom line is that they still would have deserved the nod to Pasadena even if they had lost Saturday night.

My pick for USC's opponent in

BCS, Page 19



DAVID TEMPLETON—THE TECH

Bao H. Truong '07 battles out from being pinned by his opponent during his wrestling match against Johnson & Wales on Wednesday, Nov. 30.