

MIT's
Oldest and Largest
Newspaper



The Weather
Today: Cloudy, windy,
unseasonably warm, 60°F (16°C)
Tonight: Becoming clear, 39°F (4°C)
Tomorrow: Sunny and warm,
57°F (14°C)
Details, Page 2

Volume 126, Number 10

Cambridge, Massachusetts 02139

Friday, March 10, 2006



Jorge Cham, author of the Piled Higher and Deeper cartoon, gives a talk on the virtues of procrastination in 26-100 on Wednesday afternoon. A book signing followed the presentation.

BRIAN HEMOND—THE TECH

Missile Dispute Enters 7th Year As Air Force Takes Over Inquiry

By Keith J. Winstein
SENIOR EDITOR

Last Friday, MIT turned to a new chapter in the seven-year-old dispute over whether Lincoln Laboratory researchers fraudulently issued a passing grade to a 1997 prototype from the military's missile defense system.

The Lincoln-led study gave a generally positive review to claims of the defense contractor TRW, now part of Northrop Grumman, that its software was able to tell the difference between an enemy warhead and a decoy balloon in a 1997 missile test.

For three years, ever since a preliminary inquiry found that the matter warranted a full-blown examination, the Institute's policies have called for a "prompt" investigation into the allegations of scientific fraud levied in 2001 by Professor Theodore A. Postol '67.

That hasn't happened, because the Missile Defense Agency forbade MIT to investigate, saying the risk of disclosure of classified information was too great.

But last week, MIT and the Pentagon agreed on an end to the standoff: MIT will diverge somewhat from its written rules and disband its panel of outside investigators, but the Defense Department will conduct its own investigation, by a senior Air Force scientist and administrator, Brendan B. Godfrey.

At the Institute's insistence, Norman R. Augustine, the retired long-time chief executive of Lockheed Martin Corp., will serve as "advisor and consultant to the investigator, to help assure an impartial and thorough investigation," Provost L. Rafael Reif wrote in an e-mail to the faculty.

MIT officials clearly regard the compromise as a welcome step toward reaching some resolution of the allegations, even if the MIT rules are not being strictly adhered to.

"Would we prefer to be overseeing the investigation? Yes. That's why we tried to do that," said Claude R. Canizares, the associate provost. "Given the limitations that we have not been able to get around and that are the law of the land, this is the best we can do."

The entire matter is shrouded in

secrecy, both because of MIT's requirement to keep misconduct matters confidential as well as the presence of classified information. As a result, questions raised about the compromise may prove difficult for MIT to answer:

¶ Did MIT submit to so many restrictions on Augustine's ability to "advise" the investigation that he won't be able to do anything?

As part of the MIT-Defense agreement, Augustine, who is volunteering his time, is to "have full access to all classified and unclassified documents," except those on a special list of documents withheld in 2003 from a civil lawsuit that also alleged fraud in the missile defense system.

Unfortunately, the list of withheld classified documents is itself classified, and no MIT official appears to have had access to the list before agreeing to this condition.

That could put Augustine in a difficult position, because the disputed

Lincoln Labs, Page 12

In Short

Online voting for the Undergraduate Association president and vice president and class council representatives began yesterday. Candidate platforms and voting ballots can be found at <http://vote.mit.edu>. Voting will continue online until 11:59 p.m. next Tuesday, March 14, and paper balloting will be available in Lobby 10 next Wednesday.

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

Applications, Page 11

Graduate Programs Receive More Applications

By Kirtana Raja
STAFF REPORTER

MIT's graduate programs have seen a significant overall increase of the number of applicants for fall 2006. Applications totaled around 14,850, about 15 percent higher than the corresponding total last year, said Elizabeth S. Johnson, associate director of admissions. Johnson said it was unclear what might have caused the increase. In the past two years, the numbers had taken a dip of approximately the same magnitude, so numbers this year indicate a possible recovery.

The totals are not finalized for

this year, Johnson said, because many of the departments are still accepting materials for incomplete applications.

The Department of Electrical Engineering and Computer Science did not see much change this year. For both years, the applicant pool was split 60-40 between foreign and domestic citizens.

Twenty percent of admits were women, and 4 percent were underrepresented minorities in both years.

This year, of the 60 applicants from MIT, 20 were accepted into the graduate program, far better odds

than the overall average.

Terry P. Orlando, professor of electrical engineering and computer science and a graduate admissions officer, said that based on previous years, the yield is expected to be about 50 to 60 percent.

Also, he said, since last year's yield was about 65 percent, much higher than the anticipated 50, the department admitted fewer students

this year in order to allow student-faculty ratios to balance out.

The physics department received seven percent more applications this year. Academic Administrator Brian E. Canavan said that the Department of Physics has more fellowship and research money this year, so it will likely offer more admissions. Last



British artist Simon Starling describes his "Island of the Weeds" project, inspired by rhododendrons, during a Center for Advanced Visual Studies presentation at the MIT Museum Thursday.

STEPHANIE LEE—THE TECH

Pushpinder Singh

Family and friends of Pushpinder Singh '98 gathered in MIT chapel yesterday for his memorial service, filling all the seats and crowding against the back and side walls. The service was informal and did not follow a schedule, as Singh would have liked, according to Media Lab director Frank Moss PhD '77. Friends, mentors, and students came up to the microphone to share memories of the MIT post-doctoral associate, who will be remembered as brilliant and enthusiastic about learning, yet humble and kind. The mood swung as speakers shared funny anecdotes, and sometimes lost their composure as they described the loss of an individual who had been part of the MIT community for over a decade.

Electrical Engineering and Computer Sciences Professor Gerald J. Sussman '68 described meeting Singh 13 years ago and seeing him in his classes over the years. Singh "showed up at my office" all the time until recently, he said. Sussman said that "Push's work was a breath of fresh air," and although "it's been a rough time for all of us ... Push would not want us to be miserable."

Singh, Page 15



Comics

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Natania Antler shares her thoughts on Bad Taste.

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NEWS

SAT scoring mistakes may affect some college applicants.

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WORLD & NATION

U.S. Military to Close Abu Ghraib Prison in Iraq

By Robert F. Worth

THE NEW YORK TIMES

BAGHDAD, IRAQ

The American military will close Abu Ghraib, the prison west of Baghdad that became notorious after revelations of abuses by American guards there in 2004, a spokesman said Thursday.

A military spokesman, Lt. Col. Keir-Kevin Curry, said that operations will be transferred to a new prison facility at Camp Cropper, once construction is completed there. "The plan is to accomplish this within the next three months," he said.

Curry said the detainee population at Abu Ghraib was 4,537.

Camp Cropper, at the Baghdad airport, now holds 140 prisoners, including dozens who have been termed high-value detainees, including Saddam Hussein.

Even though American military prisons have been overcrowded, Maj. Gen. John D. Gardner of the Army said in December that no facilities or prisoners now held by American forces would be turned over to the Iraqi government until worries about mistreatment had been laid to rest.

The Army has spent \$50 million on the latest round of prison expansions. In December, the number of violent detainees held in American prisons had grown to 14,000. The largest prison, Camp Bucca in the country's south, holds about 8,000 detainees.

U.S. Trade Deficit Increased To \$68.5 Billion in January

By Vikas Bajaj

THE NEW YORK TIMES

The nation's trade deficit widened to another record in January, the government reported Thursday, as the strengthening American economy attracted a surge of imported cars, household goods and petroleum products.

Americans imported \$68.5 billion more in goods and services than they exported at the start of the year, up 5.3 percent from December, the Commerce Department said; it was the largest deficit since October, when the gap swelled to \$67.8 billion.

A 3.5 percent jump in imports in January appear to reflect the sharply higher consumer spending during the month and rising price of oil, gasoline and other energy products. Automobile and car parts imports increased 5.3 percent during the month and the country spent 4.3 percent more on petroleum-based imports.

Exports were up 2.5 percent from December, with soybean shipments doubling and airplane sales up 44 percent. But sales of most other American goods and services changed only modestly in January.

Arbitrator to Decide Awards In Boston Church Abuse Cases

By Pam Belluck

THE NEW YORK TIMES

BOSTON

A second group of plaintiffs who say they were abused by priests in Boston has reached a settlement with the archdiocese here, agreeing to allow an arbitrator to determine the monetary award they will receive.

The Roman Catholic Archdiocese of Boston and lawyers for the plaintiffs said all 88 plaintiffs who were offered the settlement in December had signed the agreement and would be awarded \$5,000 to \$200,000 in arbitration hearings to begin this month. The average award will be \$75,000, the lawyers and the archdiocese said.

"This is an important first step in resolving pending claims of sexual abuse of children by priests of the Archdiocese of Boston," said Kelly Lynch, a spokeswoman for the archdiocese. "We're very pleased at the response the settlement offers generated."

Dubai Company Drops Ports Deal Amid American Uproar

By David E. Sanger

THE NEW YORK TIMES

WASHINGTON

The state-owned Dubai company seeking to manage some terminal operations at six American ports dropped out of the deal on Thursday, bowing to a political uproar in Congress and around the country that swept aside President Bush's efforts.

The company, DP World, said that at the direction of Dubai's ruler it would "transfer" to a still-unnamed American firm the leases to manage some of the busiest port terminals in the United States, including some in New York, Newark, N.J., Baltimore and Miami.

Under questioning, the company declined to say whether it planned to actually sell the American operations or had some other transaction in mind.

The action averted a showdown with Congress that Bush was all but certain to lose, as signaled Wednesday by a 62-2 vote of the House Appropriations Committee to reject the deal, because it allowed the sale of terminal operations to an Arab state company.

Sen. John W. Warner, R-Va., announced the change on the Senate floor, two hours before the Senate had been scheduled to vote on a motion that could have paved the way for a Democratic proposal to scuttle the deal.

Warner made his announcement amid indications that the White House was looking for a way out of the confrontation.

A delegation of Republican congressional leaders told Bush on Thursday morning that his threat to veto congressional action against transferring the ports would not stop Congress from blocking the deal.

The outcome did nothing to solve the underlying issue exposed by an uproar that has consumed that capital for weeks. A vast majority of containers that flow daily into the United States remain uninspected and vulnerable to security gaps at many points.

Some experts suggested that DP World's quick surrender might take pressure off the administration, Congress and nations around the world to solve that problem.

DP World announced the decision after the White House appeared to

signal that Bush wanted a face-saving way out of the shift by declining to repeat the veto threat.

DP World said the decision had been made by the prime minister of the United Arab Emirates who is the ruler of Dubai, Sheikh Mohammed bin Rashid al Maktoum.

"This was clearly not a business decision made by DP World," a senior administration official said. "It was a strategic decision made by the UAE, to avoid further damage."

In Dubai, a senior political official with intimate knowledge of the deliberations, said: "A political decision was taken to ask DP World to try and diffuse the situation. We have to help our friends."

The official sought anonymity because he was not authorized to speak for the record. He was referring to Bush, who backed the deal, along with several Republican senators who supported the transfer.

The decision drew sighs of relief from officials in New York and other cities where the transfer had stirred cries of alarm. But the announcement left those officials wondering which American companies might want to buy the American operations.

Abductees' Company Suspected Of Assisting Insurgency in Iraq

By Kirk Semple

THE NEW YORK TIMES

BAGHDAD, IRAQ

The Sunni-owned security company where about 50 employees were kidnapped Wednesday was under investigation for allegedly collaborating with the anti-government insurgency, an Interior Ministry official said Thursday.

The official, Maj. Gen. Mehdi Sabih Hashem al-Garawi, commander of a paramilitary police unit, said in an interview that his investigators had been examining the company. Many of its employees were members of Saddam Hussein's security forces, said a company employee who evaded the abductors.

The company was also operating without a license, which was canceled last year, according to ministry documents.

Witnesses to the kidnapping said the attackers were driving vehicles and wearing uniforms resembling those used by paramilitary units of the Interior Ministry, which oversees the police.

But no one has claimed responsibility for the assault, and the whereabouts of the workers remains a mystery.

The brother of an administrator for the company, who requested anonymity out of fear for his safety, said his family had been told by a government official that the employees were being held at a government detention center in Baghdad.

But Garawi and several other Interior Ministry officials denied that their agency had had any role in the operation, and a spokesman for the Defense Ministry said the military was not involved. Several

officials said the Interior Ministry had opened an investigation, though the minister himself, Bayan Jabr, made no formal statement and, according to an aide, was unavailable to comment.

American military officials, while confirming the kidnapping, seemed mystified. "We don't know who did that," Maj. Gen. Rick Lynch, a spokesman for the American military, said during a news conference in Baghdad. "We have no indication from the Iraqi authorities that they know."

The incident, and the Iraqis' muddled response, reflected the often bewildering opacity of the government, particularly the Interior Ministry, and the murky culture of public safety in Iraq, where the line between legitimate police work and criminal behavior often blurs.

WEATHER

Spring's Here Early

A warm front that moved through our area early this morning will bring unseasonably warm weather this weekend. Today will start out dreary, but the low pressure system that brought us yesterday's clouds will quickly exit the region by tonight, making way for high pressure and clear weather Saturday. On Sunday and Monday, we'll see some clouds and a chance for rain. High temperatures Friday will approach 60, and be in the mid 50's the rest of the weekend. Lows will still be dipping into the upper 30's at night, so you might want to keep that jacket or sweatshirt handy.

Why is a low pressure system always associated with clouds and rain, and a high pressure system with sunshine? High in the atmosphere, where there is little friction, the winds spin counterclockwise around a center of low pressure (in the northern hemisphere). But near the ground, the higher friction causes a small component of the wind to flow inwards. As the air converges on the center, the only direction it can flow is up. Rising air cools and then moisture condenses, producing clouds and rain. Conversely, winds spin clockwise around a center of high pressure, causing net outflow from the center. This corresponds to sinking air, which is dry; hence, we have fair weather.

Extended Forecast

Today: Cloudy, windy, and unseasonably warm. High 60°F (16°C)

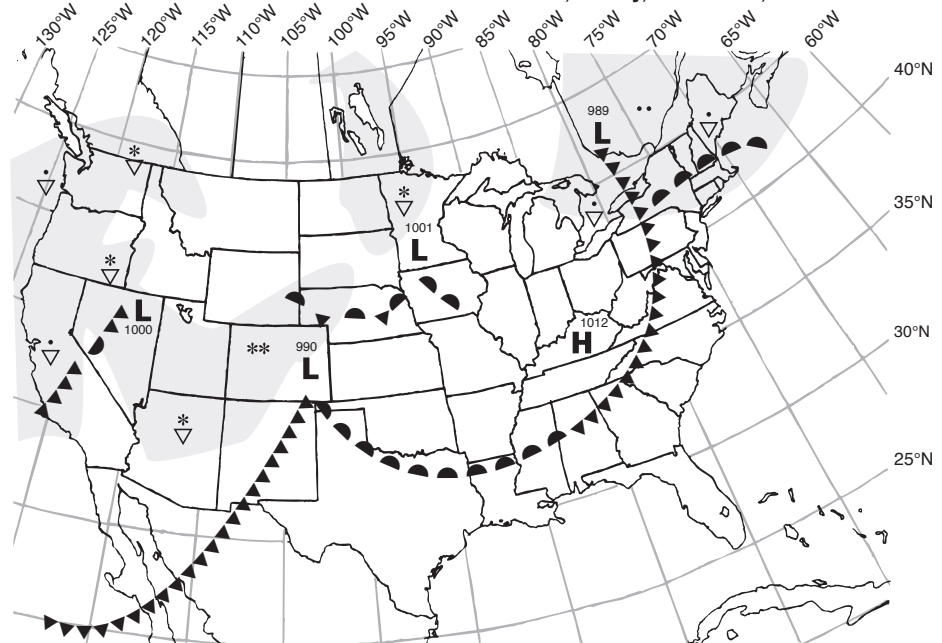
Tonight: Becoming clear. Low 39°F (4°C)

Tomorrow: Sunny and warm. High 57°F (14°C)

Tomorrow Night: Partly cloudy. Low 39°F (4°C)

Sunday and Monday: Mostly cloudy with a chance of showers. High 54°F (12°C). Low 41°F (5°C)

Situation for Noon Eastern Standard Time, Friday, March 10, 2006



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	Snow *	Fog
L Low Pressure	— Warm Front	Light *	Thunderstorm
§ Hurricane	▲▲▲ Cold Front	Moderate **	Haze
	▲▲ Stationary Front	Heavy ***	
			Compiled by MIT Meteorology Staff and The Tech

Permanent Israeli-Palestinian Border Among Olmert's Goals

By Greg Myre
THE NEW YORK TIMES

JERUSALEM

In the most detailed description yet of his plans if elected prime minister this month, Ehud Olmert, Israel's acting prime minister and the front-runner, said that he intended to set the country's permanent borders by 2010 and that they are likely to run near the West Bank separation barrier. Olmert also said he planned further development in Israel's largest settlement, Maale Adumim, which would eventually link up with nearby East Jerusalem. Palestinians vehemently oppose such a move, because it would isolate the Arab parts of East Jerusalem. The United States has also objected.

Olmert, whose centrist party is heavily favored in the parliamentary elections on March 28, spoke in interviews with two Israeli newspapers, The Jerusalem Post, and Haaretz, which posted selections on its Web site on Thursday.

Olmert says he is pursuing the plan outlined by Prime Minister Ariel Sharon, who has been comatose for more than two months after a stroke. Sharon was intentionally vague, though, while Olmert has become increasingly explicit.

Some of Olmert's critics have questioned whether Sharon would have proposed the same steps, particularly in the wake of the victory by Hamas, the radical Islamic group, in Palestinian legislative elections.

But Olmert seems to believe that

Israeli voters see the Hamas victory as an opportunity to set their own future borders without needing to negotiate with a Palestinian government, since Hamas refuses to recognize Israel.

Many Israelis, including Sharon and Olmert, used to dream of expanding their state through the West Bank and the Gaza Strip. But in recent years the two leaders have contended that the more important goal is to keep Israel democratic, secure and predominantly Jewish. Moreover, the past five years of violence have made many Israelis want to separate entirely from the Palestinian population.

Doing so will entail removing many more Jewish settlements from the West Bank and consolidating others.

Cassini Scientists Discover Liquid Water on Saturn Moon Enceladus

By Kenneth Chang
THE NEW YORK TIMES

The discovery of eruptions of liquid water on a little-known moon of Saturn has added it to the small, highly select group of places in the solar system that could plausibly support life.

The moon, Enceladus (pronounced en-SELL-ah-dus), is only 300 miles wide, and planetary scientists expected that it would be nothing more than a frozen chunk of ice and rock. Instead, NASA's Cassini spacecraft has spotted the eruptions.

"It's startling," said Dr. Carolyn C. Porco of the Space Science Institute in Boulder, Colo., leader of the imaging team for Cassini. A package of 11

scientific papers about Enceladus appears in Friday's issue of the journal *Science*. "I wouldn't be surprised see to the planetary community clamoring for a future exploratory expedition to land on the south polar terrain of Enceladus," said Porco, lead author of one of the *Science* papers. "We have found an environment that is potentially suitable for living organisms."

Life requires at least three essential ingredients — water, heat and carbon-based molecules — and Enceladus may possess all three. As Cassini flew through the plumes of tiny ice crystals rising into space from the eruptions, it also detected simple carbon-based molecules like methane and carbon dioxide, which

suggest more complicated carbon molecules might lie on the moon's surface.

The lack of a crater suggests that the heat is not the result of a meteor impact. Based on the initial observations, some scientists think that this warm region near the south pole may have somehow persisted for millions or billions of years, sufficient time for life to arise.

"It's an exciting place," said James W. Head III, a professor of geological sciences at Brown University, who was not involved with any of the research reported in *Science*. "That's what exploration is all about. You go out there. It isn't A. It isn't B. It isn't C. It's D, none of the above."

U.N. Creates Rapid Relief Fund For Disasters

By Stephanie Strom

THE NEW YORK TIMES

The United Nations on Thursday announced the creation of a \$500 million fund that will be used to respond to disasters sooner, saving lives and lowering the cost of providing relief.

The new pool of money, known as the Central Emergency Response Fund, has already attracted \$256 million in pledges from governments ranging from Britain, which has pledged \$70 million, to Kazakhstan and Thailand, which are putting \$25,000 and \$10,000 into the fund, respectively. In the future, it will accept donations from corporations and eventually individuals.

Canada has pledged \$17.24 million, the United States \$10 million and on Thursday the Netherlands surprised U.N. officials by doubling its original \$11.9 million pledge.

The money will be made available to U.N. agencies responding to food, medical and other emergency needs immediately following a disaster.

China Criticizes United States On Human Rights

By Joseph Kahn

THE NEW YORK TIMES

BEIJING

China criticized the human rights record of the United States on Thursday, arguing that racial discrimination remained pervasive and that the American military abused prisoners held at detention centers abroad.

In a sharply worded response to the annual State Department report on human rights conditions globally, which was released in Washington on Wednesday, China's State Council, or Cabinet, said the American government should concentrate on improving its own rights record.

"As in previous years, the State Department pointed the finger at human rights situations in more than 190 countries and regions, including China, but kept silent on the serious violations of human rights in the United States," the Chinese report said.

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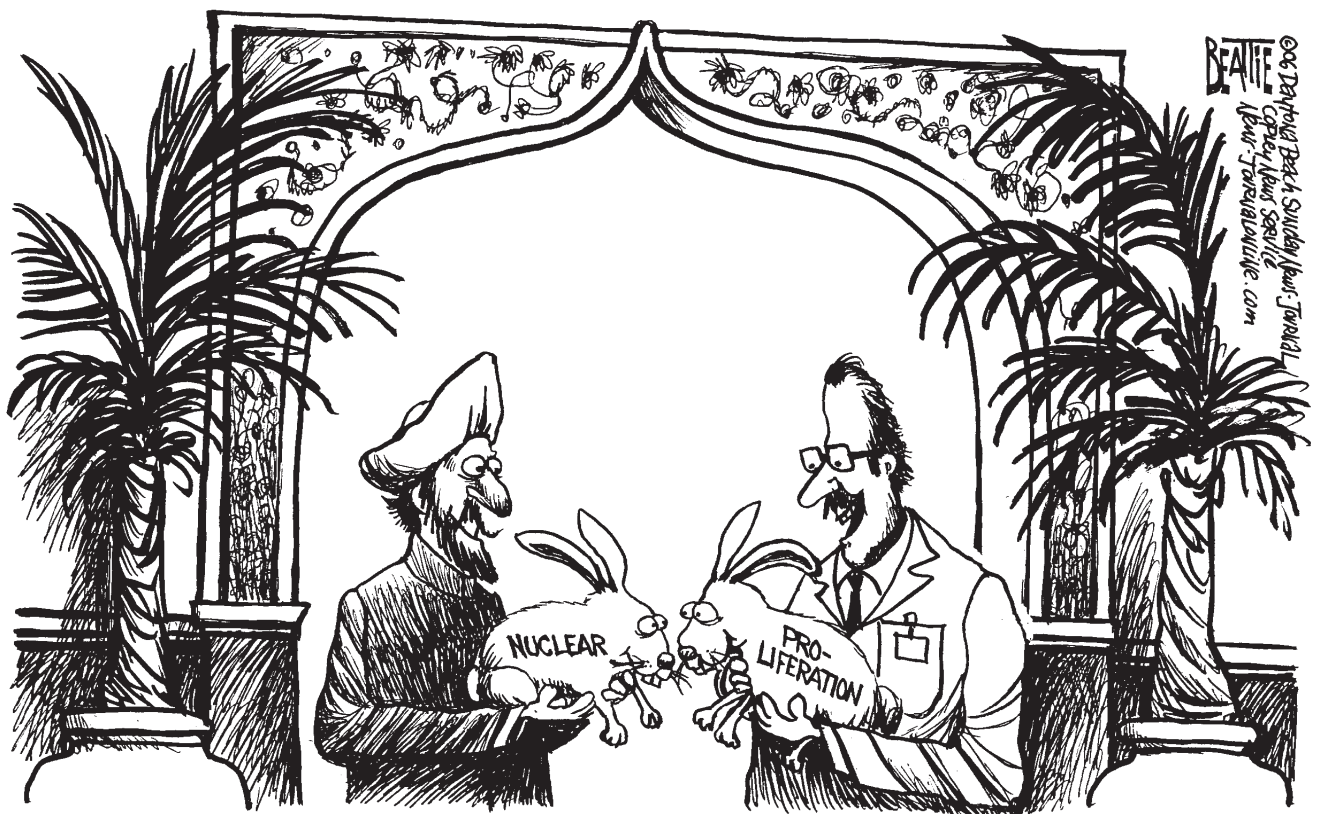
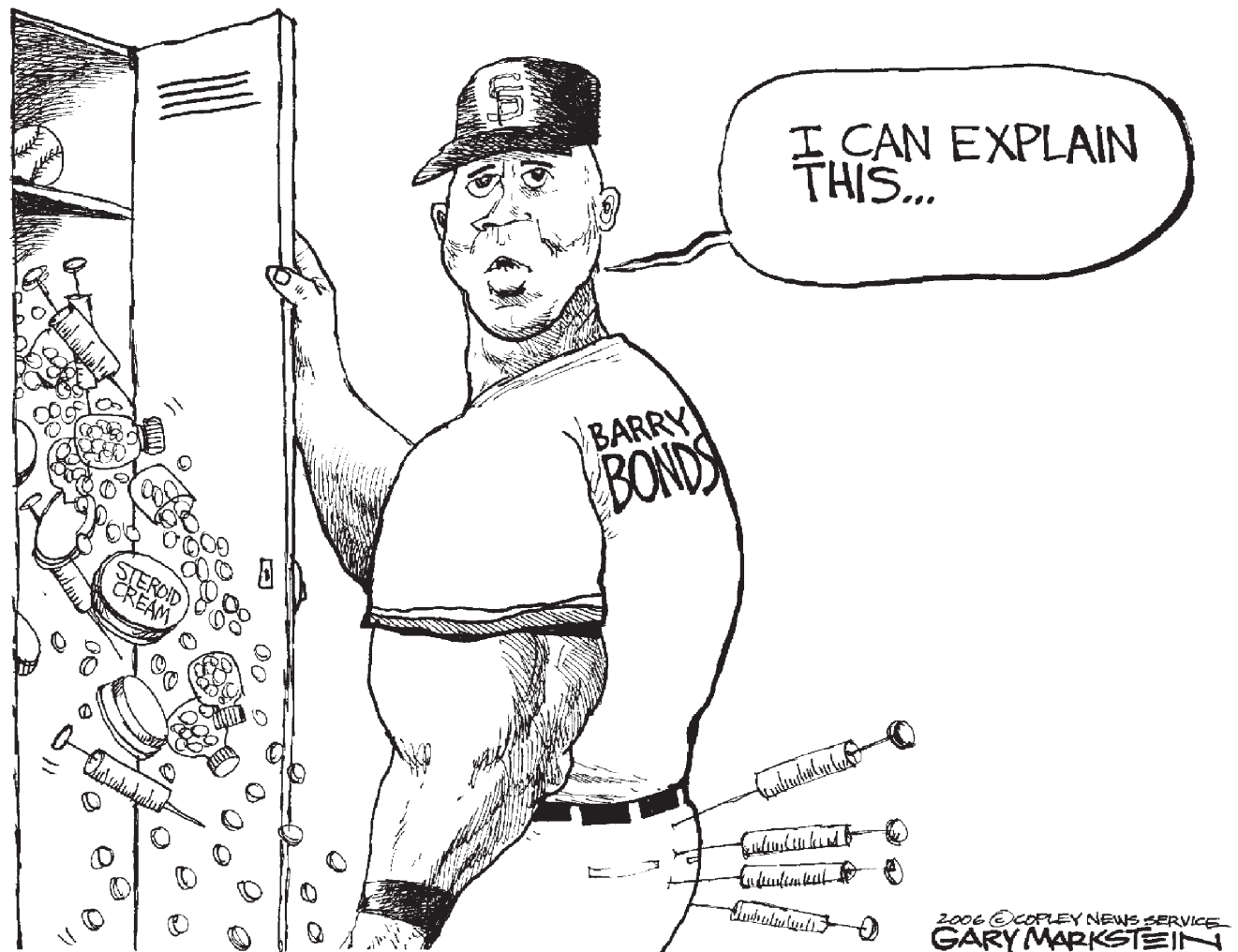
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Corrections

The March 3 article "Student Input Increased For Grad Housing Plans" said the March 31 deadline for architectural plans for the new graduate dormitory was set by the MIT Corporation. In fact, the Corporation only set the opening date (Sept. 2008) and the budget (\$104 million).

A Feb. 14 Opinion column, "Don't Defuse Explosive Humor," incorrectly implied that the Dutch film director Theo van Gogh was Danish. Also, van Gogh was murdered in 2004, not 2005.



"They were gifts from President Bush during his recent visit."

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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2006

COMICS

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Tech

FUN

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PAGES

DEVIANTS FROM THE NORM

by A.K. Turza



[038] POLITICS

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© Puzzles by Pappocom

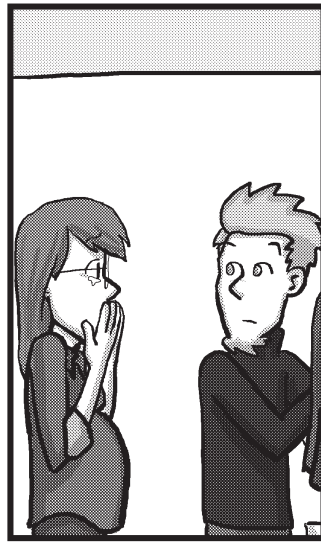
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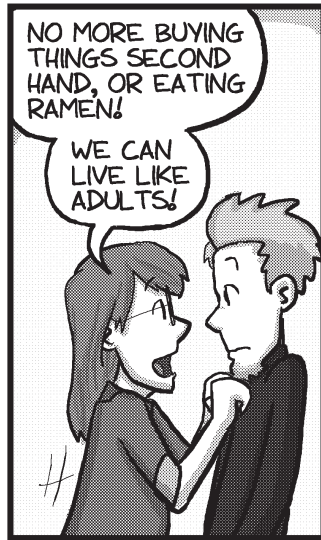
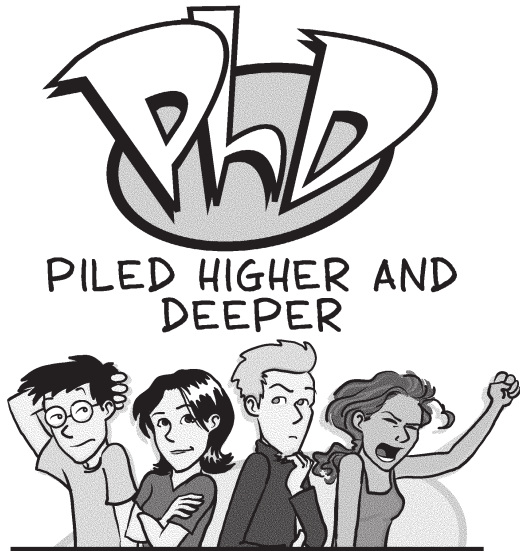
Solution, tips, and computer program at <http://www.sudoku.com>; see also solution, page 13.

Crossword Puzzle

Solution, page 13



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FoxTrot by Bill Amend

Dilbert® by Scott Adams

Bonus Crossword

Solution, page 11

ARTS

CONCERT REVIEW

Chorallaries Manage to Offend Everyone

Bad Taste Heavy on Vulgarity, Light on Singing, But Still Quite the Experience



DAVID TEMPLETON—THE TECH

The Chorallaries and their alumni dodge a horde of paper products at the end of their Bad Taste concert Saturday evening.

By **Natania Antler**

STAFF WRITER

Bad Taste

MIT Chorallaries

March 4, 2006, 10:59:59 p.m.

10-250

The MIT Chorallaries certainly delivered what they promised late last Saturday night. Their concert was indeed not for the faint of heart or stomach, and, despite some small qualms I had with their performance, I thought all in all it was quite a fun experience. After all, any a cappella group that opens themselves up to fire from disc guns, toilet paper, Athena paper projectiles, and a

rowdy audience — and survives — deserves to get credit for a job well done! The whole affair, beginning with fourth east residents from East Campus starting to camp out in front of 10-250 several days prior to the concert, and ending with two encore songs, was uniquely MIT, and smacked of raucous enthusiasm.

For this concert the Chorallaries liberally mixed songs with skits. I would have liked more songs and fewer sketches, but given the difficulty of writing good parody lyrics, I was impressed by the clever words of the songs they did sing. “1985,” a song about Freddy, who’d been a freshman since that year, was memorable. I also liked their other offerings, including a play on “New York, New York”

featuring an MIT student changing to Course 15, as well as “Short Skirt and Long Leg Hair,” and “Somewhere Only We Know.” Their encore performance of “Africa” was hilarious, even though it was a bit less polished than the others. It was clear that their two encore songs were put at the end for this reason. However, most of the songs in the main body of the show were well-performed with the new lyrics, as these were familiar tunes from the Chorallaries’ repertory.

The MIT/Wellesley Toons also made an appearance for two songs, and they were received well. The Toons, all cross-dressed, sang a song about pedophilia with style, amidst a volley of paper projectiles.

The Chorallaries made fun of everyone during the show, making it a lot easier to laugh at some of the edgier jokes. “Story Time with the Administration,” which featured a Doctor Seuss-like storybook about ‘diversity’ at MIT,

fell into this edgy category, but was still funny. I was less a fan of the overt sexual humor, which was liberally used, and got old quickly. Also, some of the skits that should have been witty, and not overly vulgar, were lost on me because I simply couldn’t hear them, most notably one featuring the mutant ninja turtles, mathematician style. However, the group’s protracted riff on LSC was hilarious, and continued with short plays on some recent movies, such as “Batman Ends,” and “Eunich.” I also liked the top ten list of courses that should be taught at MIT, including “7.11 Basic Nutrition,” and “6.66 Advanced Digital Electronics Lab.”

At the end 10-250 was covered in disc gun ammo and toilet and Athena paper. Environmentalists would have been appalled by the wastefulness Saturday night, but hey, maybe the Chorallaries will make fun of them next year!



RICARDO RAMIREZ—THE TECH

Zachary J. Watts '07 (left) hands Akash A. Chandawarkar '09 a dildo as part of a skit in the Chorallaries’ nth annual concert in bad taste held in 10-250 on Saturday, March 4.

Victims of Bad Taste

- | | |
|---------------------------------------|------------------------------|
| White People | Kappa Alpha Theta |
| Black People | McCormick |
| Yellow People | New House |
| Indians | Transvestites |
| The other kind of Indians | Guys who like Transvestites |
| Jews | ZBT |
| Gays | ATO |
| Mexicans | AEPi |
| French | Theta Xi |
| Guatemalans | Alpha Phi |
| Eunuchs | Famous Mathematicians |
| Guys with penises | Gerbils |
| Guys who don't have penises | (The Logs + X-Pros) |
| Women who use dildos | (Charlene?) |
| Susan Hockfield | 6.001 TAs |
| Course 6 15 | Northeastern girls |
| Course 6 | Simmons girls |
| Anne Hunter | Wellesley girls |
| Chocolate City | BU girls |
| Christians | MIT girls |
| Guys who go down on girls | People who get orgasms |
| Girls who go down on girls | People who don't get orgasms |
| Guys who don't wanna go down on girls | Teenage Mutant Ninja Turtles |
| DU | The Olson Twins |
| Betas | Arabs |
| PKT | George W. Bush |
| PBE | People from Myanmar |
| Random Hall | Bisexuals |
| People in Course 18 | SIPB |
| Random Guy | Pre-meds |
| Guys with small penises | Jack Bauer |
| (random guy - now offended?) | Guys who wear use dildos |
| Course | Stoners |
| Rappers | East Campus |
| People who play World of Warcraft | Batman |
| Masterpiece Theater | |
| Lindsey Lohan | |

SOURCE: CHORALLARIES' LIST

CLASSICAL REVIEW

Professor Peter Child Premieres New Works

Quartet and Orchestra Delight Crowds in Newton and Kresge

By Jonathan Richmond

ADVISORY BOARD MEMBER

*Peter Child Premieres
Lydian String Quartet
Maggie Cole, Harpsichord
March 5, 2006
All Newton Music School**New England Philharmonic
Richard Pittman, director
March 4, 2006
Kresge Auditorium*

Professor Peter Child received the call from his patron Peter Gombosi with dread. Gombosi had already commissioned three works from Child — one for each of his children, and one for his wife. Now, he phoned Child to tell him that he had been diagnosed with terminal cancer and would like to commission a final work, for himself.

Gombosi was quite specific about what he wanted: a piece for harpsichord and string quartet to be performed by Maggie Cole and the Lydian Quartet; a movement modeled after the Lutheran hymn “A Mighty Fortress is Our God,” and a movement of playful cat-and-mouse, incorporating the Gombosi “family whistle.”

The result, premiered at the All Newton Music School last Sunday, is wonderful. The composition is full of inventiveness, but with passages of transcendent beauty — as befits such a work. By reminding us of the merits of a life, Child’s piece mitigates the sorrow surrounding a death.

The two outer movements are gentle. The opening is a berceuse, and a rocking motion is felt in the strings. There is not much modern music written for the harpsichord, with its percussive sonorities, but Child has written penetrating music for the instrument. Though the sounds are strikingly different in effect, the harpsichord balances happily with the strings. Thus, in the berceuse, the percussive sounds heightened the pathos of the soft currents in the strings.

The second movement, the chorale after the Lutheran hymn, has a concentrated depth, culminating in an organ-like fugal release of sound as the string players draw and release their bows together with a deep gesture. The cat-and-mouse third movement has virtuoso harpsichord writing; its piquancy is enhanced by the quick-decay sounds of an instrument whose limitations are exploited in this colorful composition. The closing movement brings us back to contemplative gentleness, in memory of the now-deceased man who commissioned

the work.

Maggie Cole played the harpsichord with agility and precision, and was well-matched with the Lydian Quartet, making for a natural interplay of musical ideas. The strings met the impishness of the harpsichord in the third movement, yet — even during the most lyrical of passages — kept in close connection with the more direct sounds coming from Cole.

Child’s work was well-placed, sandwiched between Haydn and Schubert quartets in a balanced program. The afternoon began with Haydn’s Quartet in D, Op. 71. No. 2, given an exuberant performance by the Lydian Quartet. The playing was full of Haydenesque humor, if perhaps a little strident at times.

The afternoon ended with Schubert’s great “Death and the Maiden” Quartet, dramatically-delivered in an intense performance. Joshua Gordon’s cello work was notable for its intensity and songlike sonorities, while Daniel Stepner’s violin virtuosity painted fantastic colors and Judith Essenberg contributed powerful second violin playing. The ensemble as a whole did not quite provide the concentrated darkness demanded for the most powerful of moments; violist Mary Ruth Ray was generally restrained, lacking the energy of the other musicians.

After such a tender and passionate performance, Saturday evening’s concert in Kresge Auditorium was harder to digest. The program presented by the New England Philharmonic, conducted by Richard Pittman, consisted entirely of demanding contemporary works — these were a little too taxing on audience concentration, if all brilliantly performed.

The highlight of the evening was the performance of Gunther Schuller’s Violin Concerto No. 2, a work that ventures into the world of jazz while keeping in the realm of serious classical composition. Soloist Danielle Maddon played her complex violin part with aplomb, making for a highly-focused sonic presence. The orchestra was thrilling in its accuracy, with each orchestral voice having its say with great clarity. The final movement, with its vigorous jazz elements, presented a riot of sounds, which came together naturally with a violin that remained serious in its intensity.

Charles Ives’ “Three Places in New England” also made for a strong presence on the program. The opening movement is placed at the St. Gaudens Memorial to a black Civil War regiment at Boston Common, and its mournful pace, produced to chilling effect by the orchestra, evoked the painful marching of the soldiers. The middle movement reflects the sounds of competing bands in a park in



MIT ARTS OFFICE

Two works of composer and MIT Professor Peter Child premiered over the weekend.

Connecticut, near where Ives grew up. It was performed with a festive spirit, the oompah-oompah sounds of amateur brass brought across with gentle tongue-in-cheek warmth. The finale represents the Housatonic River at Stockbridge, and brought the performance to a doleful conclusion.

The World Premiere of Peter Child’s “The Sifting: Three Songs of Longfellow” followed the intermission. Singing by the Simmons College Chorale and the Boston Conservatory Women’s Chorus was unclear and lacking in variety. This did not seem to be the most inventive of Child’s works, but it could be transformed by higher-quality singing, and I would like to hear it again, given a stronger

performance.

The concert ended with Elliott Carter’s Variations for Orchestra, a complex work that is demanding on the intellect. Pittman has obviously studied the piece closely, and the performance of his well-rehearsed orchestra was outstanding, but it would have been nicer if the evening had ended with some spirited Souza or Gottschalk — great American composers like the others in the program, but with a lighter touch. Ending with Elliott Carter creates the same effect as playing a Mozart slow movement and leaving off the finale: something spirited is needed to bring the listener out of a trance and back to the real world for the journey out of the auditorium and homewards.

CONCERT REVIEW

Animal Collective Wins Some, Loses Others

Indie Band Brings Avalon Ballroom Audience From Doubt to Satisfaction

By Andrew Lee*Animal Collective
Avalon Ballroom
15 Lansdowne St.
Boston, MA
Feb. 21, 2006*

Just as I passed through the turnstiles, the Avalon Ballroom suddenly became the last place I wanted to be after a typically dubious meal from Next Dining. The safest course was to cut my losses and shamefully walk across the river all the way back to campus — I didn’t want to be that guy who throws up in the bathroom at the club. Just as I was about to resign myself to the long trek home, I realized how much I had to stay. I needed to stick it to Ticketmaster.com.

One of the greatest parts about seeing an indie band like Animal Collective in concert is the obscenely low ticket prices. Ticketmaster likes to strangle that simple joy and drown it with processing fees, handling fees, and a standard overcharge until they’re satisfied you’ve paid about \$10 more than necessary. This night would be my last show of the Ticketmaster era, and damned if I wasn’t going to enjoy my Animal Collective with the tickets for which I overpaid.

I’ve avoided the difficult task of trying to describe the actual band long enough, so how about this: if you were a contestant on Family Feud and “Animal Collective” flashed on the board, you’d be wise to have the word “experimental” in hand. Of course, it’s an all-too-easy label to pin on any band or artist that does something interesting but difficult to describe,

but this band really is that eyebrow-raisingly eccentric. Consider that they’ve played live before wearing animal costumes in true Flaming Lips fashion. Thankfully, the band decided to hold off on the theatrics this time. Their appearance was so unassuming that the two guys tuning guitars — whom I’d thought were roadies — turned out to be bona fide band members. Fancy that.

The other half of Animal Collective came onstage separately a little later on, signifying the appropriateness of the term ‘collective.’ For their 2004 LP “Sung Tongs,” only vocalist Avey Tare and drummer Panda Bear happened to be present in the studio, with just their acoustic guitar and mangled tape effects for company. Their resourcefulness resulted in a collection of some of the most hypnotic and bizarre campfire tunes ever put to record. Animal Collective’s latest album, “Feels,” reunited the “Sung Tongs” duo with Deaken and the Geologist, and with their newly returned instrumental versatility, they delivered their most immersing and organic effort yet.

On this particular night, this had to be the most assuredly disorienting band playing on this side of Lansdowne Street, to say the least (you never know when and where Radiohead will land in their spaceship). In a slightly poetic twist, though, my previously bemoaned discomfort all but dissipated once Animal Collective began their concert in jarring fashion. Their set was led off by Deaken’s skidding, monotonic guitar grinding out a riff reminiscent of Arcade Fire’s “Wake Up.” It was the first of two newly premiered songs that were extremely promising and apparently had yet to be named. To the ben-

efit of the Avalon crowd, the band had not been schooled in the virtue of patience and jumped right into five more songs without rest.

Though playing continuously for half an hour sounds strenuous, these guys showed off some of their maturity by settling to a comfortable pace. Deaken took to lazily drifting around the small territory he’d carved out for himself, bouncing off its invisible walls like a lethargic bumper car. The Geologist, wearing a (crucial) miner’s flashlight on his forehead, steadily bobbed in place while manipulating a large effects console at center stage. Panda Bear sputtered and spazzed behind his drum kit but never faltered. Avey Tare, however, had no reservations about unleashing copious amounts of childlike energy. His vocal melodies were a place where primeval yells and barks could rub up against a folk-influenced falsetto and back again without failing. Burdened with his own guitar most of the time, Avey Tare lacked the physical mobility he deserved, but he did manage to find a drumstick at one point and launch repeated assaults on Panda Bear’s cymbals in truly simian fashion.

One of Animal Collective’s strengths is their previously mentioned resourcefulness: they can deliver the best with only what they have on hand. Their belief in their ability to do so may have bordered on overconfidence in this case. It was a shame to have to miss out on some of the most engaging acoustic material from “Sung Tongs” simply because of the band’s arbitrary decision to use only electric guitars. Only the song “We Tigers” made an appearance, and it was an unexpected highlight with its dance-around-the-bonfire stomp and

skip-rope chanting; this also allowed the Geologist to pick up a mic and take his own stab at whooping and hollering.

Unfortunately, it became increasingly apparent that the Geologist’s live effects board was a poor substitute for the lush production from their album cuts. Studio renditions of “Feels” standouts “Grass” and “Banshee Beat” were also far superior, disappointingly, to what we heard in the Avalon. The evocative studio textures enhanced the tracks, and the band’s live restructuring couldn’t do them justice. Avey Tare unwisely chose to re-interpret the coda of “Banshee Beat” (one of the most peaceful ruminations on “Feels”) by adding pained cries, substituting contrived angst for simmering apprehension. The most head-scratching moment in the concert came later on, when no one could decide if the singer’s mic was awkwardly blinking in and out by accident or as a product of some ill-advised vocal experiment.

Even though Animal Collective is an experienced band, I can imagine that the first performances of a tour tend to be uneven. This was one of those up-and-down nights for Animal Collective, but for all the toying around they did throughout, they were level-headed enough to put their best foot forward at the end. Their three-song encore (all played continuously, of course) culminated in the “Feels” ode to giddy anxiety, “Purple Bottle.” The finale, with its memorable head-over-heels climax, provoked the audience to a state of near ecstasy. We filed out of the Ballroom with broad grins on our faces, and I don’t need to tell you how great it is to leave feeling so much better than when you came in.

FILM REVIEW ★★★

Even Vampires Think Abortion is Wrong

Russian Sci-fi Movie 'Night Watch' Muddies the Waters of Good vs. Evil

By Beckett W. Sterner

STAFF WRITER

Night Watch

Directed by Timur Bekmambetov

Written by Sergei Lukyanenko

and Timur Bekmambetov

Starring Konstantin Khabensky

and Vladimir Menshov

Rated R

Imagine "The Matrix," but from a Russian perspective. Instead of a computer virtual reality, "Night Watch" takes a fantasy twist and endows some humans, called Others, with supernatural abilities that transform them into vampires, sorcerers and more. When humans discover these abilities within themselves, they must choose to join either the "light" or "dark" forces. Life is not so simple as good and evil, however, because the two forces police each other under the agreement of an ancient truce. The film takes its name from the forces of light — the Night Watch — who ensure that the dark Others do not break the rules of the truce. The Night Watch is balanced by the Day Watch, who do the same, monitoring the light Others.

As the highest grossing film in post-Soviet Russia, "Night Watch" is not only a very good action movie but also an interesting reflection of the Russian state of mind. No one is pure in the movie, especially the protagonists, and the word "police" is taken as a synonym for well-



FOX SEARCHLIGHT PICTURES

Anton (Konstantin Khabensky) scans a room for the reflection of an invisible vampire attacking him in "Night Watch."

regulated corruption. It's impossible to demonize the dark Others as pure evil, because they're just as committed to the same rules as the light forces, so if they win it's because they were that much *smarter*. These rules define a moral world for both light and dark, one in which the dark can be equally justified in reproaching the light for its errors. The world seems confined within the dirtiness of the city, and while personal relationships are still genuine, they are constantly tested under the twisting strain of the truce.

Parts of the movie feel quite familiar, how-

ever, and one shouldn't take "Night Watch" as something radically different than standard Hollywood fare. The plot relies on that familiar device of disrupting a well-established equilibrium with the arrival of someone new — the "Great One" — who breaks all the rules. According to prophecy, the Great One will set in motion a final Armageddon between the light and dark Others. Thus while the film is still noticeably foreign (it has English subtitles for the most part), its sharp sense of humor transfers well, and the overall experience is that of Hol-

lywood with a dark Russian twist.

Visually, the film is intense to watch, with a touch of sci-fi grotesque in its special effects. There are very few moments when the camera is still, and the battles become anxious, frenetic struggles for power as the director, Timur Bekmambetov, creates rapid-cut collages of the passion and sufferings of light and dark. Much of the film's otherworldly gloom and edginess follow from its superbly-integrated special effects, which rise above the "big explosions" genre to define the mood of the characters' environment.

Perhaps the most enjoyable effect, though, was how the English subtitles were almost brought inside the world of the movie — words glowed red with blood, became hidden behind walls, and added emphasis to the character's emotions. This small touch alone enhances one's engagement as an English-speaker, because the language barrier itself is taken as yet another mode of expression.

The best part of all is that "Night Watch," which opened in July 2004 in Russia, is the first of a trilogy based on the sci-fi novels by Sergei Lukyanenko (the others are *Day Watch* and *Dusk Watch*). So if you've been missing your action trilogies now that "Star Wars," "Lord of the Rings," and "The Matrix" have all run to completion, "Night Watch" will give you an excellent fix with a taste of the exotic. I'd lay odds on this being one of the best action films to open in the U.S. this year.

FILM REVIEW ½

What's That Smell? Oh, It's 'Aquamarine'

Teeny-Bopper Movie a Bland Story We've All Heard Before

By Alice Macdonald

Aquamarine

Directed by Elizabeth Allen

Written by John Quaintance

and Jessica Bendinger

Starring Emma Roberts,

Joanna 'Jojo' Levesque, and Sara Paxton

20th Century Fox

Now Playing

Like, oh my God! Did you see the movie about the mermaid? Her hair was, like, so pretty! Unless you are a twelve-year-old girl, statements like this probably make you want to hit someone. So, for all you non-prepubescent girls out there, don't see "Aquamarine," whose best scene is a montage of girls at a shopping mall.

After I saw this latest attempt at milking the preteen market, I had to take a shower to try to cleanse myself of its crappiness. There are simply very few redeeming qualities to this movie. The two young heroines are Claire (Emma Roberts) and Hailey (Joanna 'Jojo' Levesque), who live in Florida, spend their days pining over boys out of their league, and are totally BFF. You may recognize Emma Roberts from her appropriately titled Nickelodeon show, "Unfabulous." Joanna 'Jojo' Levesque is best known as a wannabe pop star, with almost-hits such as "Leave (Get Out)." The girls' mermaid gal pal, Aquamarine, is played by

Sara Paxton, who is stunningly beautiful, but in a "white trash"-y way. She has long blond hair with blue highlights and spends most of the film wearing a teeny minidress fashioned from a tee shirt. These actresses continue their downward spiral into nothingness with this flick, which will probably guarantee the end of their careers before any of them even lose their virginity.

There isn't really much point in explaining the basic plot, because it will probably sound very familiar — it is one giant cliché after another. I feel like I have seen this movie at least twice before. Here it goes: Hailey has to move to Australia, but wants to stay in Florida. The only chance she has to remain is afforded her when a mermaid miraculously washes into her pool. The deal is that if the girls help Aquamarine prove to her father that true love exists by getting hunky Raymond to fall in love with her in three days, she will grant them one wish. This shouldn't be that hard, as Aqua and Raymond are perfect for each other: they are blond, dumb as rocks, and beautiful. Along the way the girls face obstacles such as a fear of water, trivial arguments, and a mean slutty girl who is also after Raymond. Thankfully, they are helped by talking starfish, dolphins, and creepy old dudes. Any attempts at humor are painfully unsuccessful, and the majority of the jokes had been done before. The only novel joke for me was the unfortunate pun, "Call me on my shell!"

"Mean Girls" (2004) and "The Princess Dia-



20TH CENTURY FOX

Two best friends help a mermaid find true love in "Aquamarine," Hollywood's latest teen chick flick.

ries" (2001) show that movies enjoyed by preteens can actually have some redeeming qualities. Notably, these films actually have some genuinely funny writing and heartwarming moments. My question is: why are we still subjected to films like "Aquamarine"? Though the film might be enjoyable for the younger portion of its target audience, who perhaps haven't already seen the plot three

times already on the Disney channel, I am still doubtful of the appeal of "Aquamarine." When I saw the movie, it became evident that no one was buying it when I overheard a young viewer say, "She looks mad ugly" and watched others squirm and look at their watches. Save yourself the anguish and see something else. At least "Big Momma's House 2" might be funny.

ON THE SCREEN

— BY THE TECH ARTS STAFF —

- ★★★★: Inspired brilliance
- ★★★: Solid filmmaking
- ★★: Mild entertainment
- ★: Embarrassing dreck

★★★★ **Brokeback Mountain**
Ang Lee's gritty and realistic film has been called revolutionary for being a mainstream movie about cowboys who fall in love with each other, but the story is in truth incredibly simple. At its heart, "Brokeback" is a beautifully crafted film that tells a story strikingly similar to some of the oldest tales of love in our society. (Andrew Guerra)

★★ **Curious George**
The question is whether we, as adults, can sit through an hour and a half of watching a non-talking monkey and a man in a bright yellow suit voiced by Will Ferrell. The answer, surprisingly, is an emphatic yes. What really sells the movie to adults is the amount of emotion generated with such a simple plot, although the most delightful aspect by far is the music. Before long, you may find yourself buying the soundtrack to a movie that is quite funny and enjoyable, even to those over the age of five.

(Yong-yi Zhu)

★★ **Eight Below**
"Eight Below" is a nature movie riding the waves of last year's successful "March of the Penguins" and "Grizzly Man." Disney decided to hop on the bandwagon, but had to bastardize the genre with their requisite gag-inducing scenes. I am happy to say that even Disney can't completely ruin a good thing; if you need an escape and some brain candy, not to mention beautiful scenery and some terrific canine acting, you could do worse than this Antarctic adventure film. (Alice Macdonald)

★½ **Firewall**
Boasting equivocal baddies, a potboiler script, and cookie cutter performances, "Firewall" is a film that'll see the second-run theaters by Valentine's Day. Harrison Ford plays Jack Stanfield, a bank security expert whose life and family are threatened when robbers force him to commit electronic theft from his own employers. A great deal of acting talent is wasted on this picture, and unless something great comes along, Ford's career is essentially over. (Kevin Der)

★★★½ **Match Point**
This film deviates from the usual Woody Allen offering. It boasts young, sexy stars and is set in upper-class London instead of his beloved New York. Jonathan Rhys Meyers plays a young tennis coach who marries into an upper-class British family but falls in love with his brother-in-law's fiancée, Nola (Scarlett Johansson). The biggest surprise is that this film is a thriller, with each scene building unbearable tension. (Kapil Amarnath)

★★★★ **Munich**
Inspired by the very real events of the 1972 Olympics, when eleven Israeli athletes were killed by Palestinian terrorists, this perfectly executed film advocates peace and wisdom. With this film, Spielberg intends to show that any conflict affects the globe, and that events in the Middle East are as relevant to our country's future as those within our own borders. (Kevin Der)

★★½ **Syriana**
Writer and director Stephen Gaghan, who penned "Traffic," discusses the energy crisis

and the war for oil in this new drama. Part of an ensemble cast, Bob Barnes (George Clooney) is a CIA operative in the Middle East who must protect U.S. interests in oil, but he starts to question his government's motives. Though Gaghan presents a convincing, albeit pessimistic world view, he does not provide an artistic vision. Ultimately more enjoyment comes after the final reel, from thinking about the questions that the film raises. (Kapil Amarnath)

★★★½ **Why We Fight**
Director Eugene Jarecki paints a convincing portrait of how hidden backroom deals turn the government into an oligarchy of elite interests. This political documentary ties together a coherent narrative from a set of perspectives, key facts, and historical contexts. The movie features an NYPD cop who lost a son on 9/11, a neoconservative leader (William Kristol), the pilots who fired the first salvo in the Iraq war, and more. (Beckett Sterner)

Compiled by Kevin Der, Jacqueline O'Connor, and Nivair H. Gabriel

THEATRE REVIEW

Romeo and Juliet: The Greatest Hate Story Ever Told

A Few Excellent Actors Can't Save Otherwise Turbulent, Unimpressive Production

By **Jacqueline O'Connor**
ARTS EDITOR

Romeo and Juliet
American Repertory Theatre
Written by William Shakespeare
Directed by Gadi Roll
Loeb Drama Center, Harvard Square
Runs until March 25, 2006

Those who didn't snooze through high school English know the tragic tale of Romeo and Juliet, two lovers divided by injustice, prejudice, and their violent, warring families. Despite the obvious dismal overtones of the play, it is often referred to as "the greatest love story ever told," or "the love story from which all others come," or something equally pompous. It's pretty easy to agree, though, that it is a story about love — until you see the version at the American Repertory Theatre.

At first glance, the performance was very stylized. The stage was simple: a long rectangle filled with dark sand and, for stage edges and walls, just metal grating. The audience sat on two opposite sides of the stage, creating a feeling of a "theatre in the round" or a blackbox theatre. The music was funky and ranged from hip-hop to Arvo Pärt. The props were simple and sparse, and only the lighting, which varied from chandeliers to a bright spotlight from stage right, was intricate and significant. The choreography was well-executed and each character had a unique physical presence.

The party scene was the height of the stylization of the play. Three red carpets were laid under three rows of glittering chandeliers, and the guests entered in three lines, dancing with violent and exaggerated movements to loud hip-hop music that shook the entire the-

atre. The men were dressed in tuxedos with lavish capes, while the ladies were dressed in a wide array of Spanish looking dresses of black, white, and red. Even through the scene where Romeo and Juliet first meet, the raucous dancing continued on the edges of the stage and the music was so deafening that the magic of the moment was completely lost.

Despite the obvious effort that the directors put into giving the show a unique ambience, the majority of the actors let that effort go to waste with forced acting and lack of depth and nuance. From beginning to end, the usual wit and tender emotion of the script was missing. Unfortunately, most actors did not grasp the opportunity afforded them by the audience's nearness to deliver a rich performance. For example, the opening scene that features the famous line, "No, sir, I do not bite my thumb at you, sir, but I bit my thumb, sir," was played angrily — as if the actors did not realize that the whole scene was a play on words.

Things only got worse when Romeo (Mickey Solis) appeared on stage, and from his very first lines it became obvious that he was going to express one emotion the entire play: anger. Perhaps previous interpretations of the lovesick Romeo have predisposed the viewer to a false expectation of his character, but lines such as "Love is a smoke made with the fume of signs/ Being purged, a fire sparkling in lovers' eyes/ Being vexed, a sea nourished with lovers' tears," should not be wrathfully sputtered. His rage continued throughout the play until the very end, by which time his only mode of expression was monotonic yelling. From the time he killed Tybalt (Marc Aden Gray), Solis seemed to lose his personality and became oddly zombie-like in his lack of both vocal and physical

expression.

Romeo was not the only character who exhibited anger and violence throughout the entire play. Mercutio, in his encounter with the nurse as she seeks to confirm Juliet's affections to Romeo, threatened the nurse with a knife as he cruelly taunts her about being a whore. Also, Capulet, Juliet's father, physically abuses both Juliet and Lady Capulet in his rage over Juliet's refusal to marry Paris. Finally, the seemingly playful bantering of Romeo, Mercutio, and Benvolio, turned into vicious and crude jeering. The extreme portrayal of violence and hate in scenes where a lighter tone was obviously intended made the play dismal and bland to watch. By the end, every character was enraged and there was no variation to keep the interest of the audience.

Fortunately, three key actors saved the play from utter failure. Shining through as the obvious star of the show, Juliet, played by Annika Boras, stole the hearts of the audience with her vibrant and balanced portrayal of a young girl torn between her family, her love, and her growing sense of self. Portrayed in this version as somewhat of a tomboy, Juliet walked with a stride in her knee-high boots and effused an air of self-confidence. Boras dispelled the common notion that Juliet is a flaky young girl and used the brilliant lines Shakespeare provides in order to show Juliet's intelligence. Most importantly, Boras gave a balanced performance of the character and through her words and actions, accurately portrayed a girl going through a difficult period in her life. At times she was angry, like many others in the production, but this was balanced with episodes of self-doubt, and moments of true tenderness.

Juliet's nurse, played by ART veteran ac-

tress Karen MacDonald, added a touch of levity to the otherwise somber atmosphere. MacDonald played her character with a good balance and a keen believability. Her character was not the doting nurse of some other productions, but a guilt-tripping though always loving mother figure for Juliet. Despite her best intentions, however, her flawed side showed through in her manipulation of Juliet's curiosity after meeting with Romeo, just as her pathetic side was played out in her helplessness after Romeo's banishment. The myriad of emotions that MacDonald clearly portrayed made the Nurse one of the most memorable characters of the night.

Finally, Che Ayende's Mercutio was the icing on the cake of this wonderful trio. Not only was Ayende able to depict a believable character, but he was a master interpreter of Shakespeare's words. In the character's most prominent scene, where he coaches a love-struck Romeo before the Capulet party, Ayende brought down the house with his sly tactics and expressive monologues. His unusual use of rhythm that does not adhere to the strict metering of Shakespeare's pentameter enables him to bring more meaning and emotion to the monologue. Though Mercutio dies in the third act, his performance alone makes the play worth seeing.

It is obvious what the producers were looking to portray in this version of Romeo and Juliet. Though Shakespeare does reference violence, death, and sadness throughout the entirety of this play, he originally listed it as a comedy. It is as if the great author intended for there to be a dichotomy between love and hate, life and death, and comedy and tragedy. The ART production of Romeo and Juliet only managed to get half of this message across: hate, death, and tragedy.

RESTAURANT REVIEW

Zoe's Kitchen Offers Bright Brunch Atmosphere

Flavor Doesn't Entirely Live Up to Presentation, But Diner Still Worth a Try

By **Jiji Gu**

Zoe's Kitchen
1105 Massachusetts Ave.
Cambridge, MA
617-495-0055

If ever you decide to forgo taking the T in favor of the #1 bus to Harvard Square, get off a block or two early at 1105 Massachusetts Avenue and go to Zoe's Kitchen. It's slightly hidden just below street level in a two-level shopping complex; we would have missed it, if not for the bustle of people just outside. For the Greek owner Theo Vallas, operating a restaurant has been a legacy — all the way back to his grandfather, who got started in the restaurant business in 1951.

Enough about the owners — let's talk about the food. Two words describe the menu: decisions, decisions! The breakfast selection was enormous, but we had plenty of time to glance over the menu before being seated, since the line went out the door. A whole section on omelettes included 17 varieties as well as a create-your-own option, ranging in price from \$5.25 for a basic three-egg omelet to more exotic flavors such as the Greek omelet for \$8.75. Two pages were devoted to breakfast entrees,

served all day, plus an insert with the day's special breakfast offerings. Twenty minutes after we ordered, the food came, appetizing looking and generously portioned.

The smoked salmon benedict featured two dropped eggs, smoked salmon, and tomato on English muffin topped with hollandaise sauce. The English muffin was a bit rubbery, but the eggs and salmon were delicious with the sauce. The entree also came with home fries, which were cooked with reddish, paprika-like seasoning. The seasoning unfortunately wasn't evenly spread, so that a bland mouthful one could be followed by a very salty one.

The Double Play (\$8.25) included scrambled eggs, French toast, and homefries and

either bacon, ham, sausage, chicken sausage or Gardenburger Sausage. If you're vegetarian, you can opt for another side in place of the Gardenburger sausage, so we got buttered white toast instead. The meal was decent, but not remarkable.

The cheese blintzes (\$6.50) consisted of four cottage cheese-filled crepes served with sour cream and maple syrup. The strawberries on top, for an extra \$1.00, were a nice addition to the dish, though the crepes were slightly too chewy.

That morning, the menu featured a very filling breakfast special of three large banana walnut pancakes (\$6.50). The flavor, however, was not very distinctive, and would be enhanced with a more generous topping.

The fruit platter (\$7.95) included blueberries, strawberries, honeydew melon, cantaloupes, banana slices, grapes complemented with sour cream, and a slice of deliciously moist banana bread.

Drinks were the typical breakfast offerings, a variety of juices and milk. We were disappointed, however, to find that the bottomless coffee was not actually bottomless — the waitress never refilled the mug.

It was a gorgeous day outside, and this was reflected on the inside of the restaurant through the wide windows that offered a pleasant stream of sunlight to diners. In addition, the restaurant's bright plastic cushioned seats, patterned walls, and colorful hanging lamps added to the cheery morning scene. The talking and laughter, unfortunately, were so loud that we nearly had to shout to communicate with the waitress.

Overall the prices were reasonable and the portions were large, although in general the food looked better than it tasted. The service and atmosphere were the best part of the meal. We had three different waiters serve us, and the table was cleared right after we got the check. All in all, it was a good experience and we decided that it might be worthwhile to come again for lunch or dinner.

Overall the prices were reasonable and the portions were large, although in general the food looked better than it tasted.

RESTAURANT REVIEW

LaGroceria Offers A Piece of the North End In Cambridge

Dessert Delights at Italian Restaurant Close To Campus

By **Jillian Berry**
ASSOCIATE EDITOR

LaGroceria
853 Main Street
Cambridge, MA 02139
(617) 497-4214

LaGroceria is a hidden Italian restaurant within walking distance of MIT. Although it's next to Toscanini's, I had neither heard of nor seen it before. While nearly every type of ethnic cuisine is within walking or a short bus ride away, there is a severe shortage of Italian restaurants near campus (Bertucci's doesn't count). Like many restaurants in the North End, LaGroceria is quaint, with two separate dining rooms reminiscent of an old neighborhood eatery.

Our group was seated by an efficient, if rather brusque, waitress who immediately asked us if we wanted an appetizer. We were a bit put off at being so quickly assaulted with questions. Once this episode passed, however, we were able to enjoy the meal in a relatively relaxed atmosphere.

As bread and butter were complimentary, we did not feel the need to order an appetizer. The bread infused flavors of onion and garlic well, but it would have been even better warm. For the main course, there was a variety of traditional Italian offerings ranging from chicken parmigiana to lobster ravioli. In addition, LaGroceria boasts four "classic" pasta dishes which come in half sizes for about half the price (a nice size for a lighter meal). One such pasta dish is the penne al volo (\$6.95 for half size), which consists of penne topped with chicken, prosciutto (Italian ham), tomatoes, and shitake mushrooms. Although the chicken was a little dry and the tomatoes were a bit acidic, the dish was very flavorful.

Another pasta dish is the tagliatella vegetali (\$11.95 full size), not nearly as heavy as a traditional fettuccini alfredo. Fettuccini and sautéed vegetables were topped with shaved parmesan cheese, and the fresh flavors of the vegetables stood out. In addition, lasagna pasticciata (\$12.95) consisted of a large square of vegetable lasagna layered with smooth ricotta and mozzarella cheeses, spinach, zucchini, and leeks, and smothered with sauce. It was delicious, and had a subtle and mysterious sweet taste that none of us could identify.

Having seen the desserts when we walked in, we knew we had to have something. Rather than bringing a menu, the waitress returned with a tray of various desserts for our choosing. We decided on the chocolate mouse (\$5.95) and the half baked brownie (\$6.95). The former consisted of a layer of chocolate cake, milk chocolate mousse, white chocolate mousse, and a hard chocolate top. Delightfully light and cool, the mousse was neither too creamy nor too sweet, and it provided the perfect compliment to the latter. The brownie had a moist and flavorful exterior, surpassed only by the melting chocolate center — my tastebuds danced with excitement.

LaGroceria Restaurant provides a good Italian meal without a trip to the North End. Although the service was a bit rough, the food made up for it tenfold. With a variety of dish sizes, a convenient location, and a divine dessert selection, this is one restaurant you cannot miss.

Physics Department Likely to Admit More Students

Applications, from Page 1

year, 72 students were admitted, with a final yield rate of 35 percent.

"It is fair to say that we will be making a few more [research assistantship] offers this year, but this is not directly correlated to actually having more research funds this year," Canavan said. Instead, excess unused funds from last year are being offered to this year's applicant pool, Canavan said.

Research assistantships are just one of many sources of funding for graduate students; some graduate students have no funding, others have teaching assistantships or fellowships from MIT or other sources.

Course 18 accepts more women

The Department of Mathematics also had slightly more applicants this year than last, and so far a total of 42 have been accepted into pure

mathematics, and about 16 into applied mathematics, with six from MIT. Last year, the pure-applied breakdown was 40 and 12.

Pavel I. Etingof, professor of mathematics and admissions officer, said that the mathematics department always makes an effort to get the most talented women to come to MIT, and tries to increase the number of women. This year, 30 percent of the admits were women, an increase over last year's 20 percent, he said.

60 percent of the admit pool was international students, consistent with last year.

The Department of Civil and Environmental Engineering has increased its applicant pool this year by about nine percent, with a total of around 380 students so far, though that number may increase as more applications are completed.

About 31 percent of the applicants were women, higher than last

Department	2006			2005	
	Applications	Apps From MIT Undergrads	Acceptances	Applications	Acceptances
Civil and Environmental Engineering	373*	20	N/A	359	130
Electrical Engineering and Computer Science	2550	60	140	2500	180
Physics	699*	14	N/A	653	72
Brain and Cognitive Sciences	318	4	22^	263	25
Mathematics	415*	6	58^	~400	52

SOURCE: DEPARTMENTAL ACADEMIC ADMINISTRATORS

* Does not include incomplete applications, which may be considered if additional material is submitted. ^ Admissions is ongoing.

year, said Professor Joseph M. Sussman PhD '68, a professor in the department and graduate admissions officer. Sussman said that traditionally about 120 matriculate.

Denise Heintze, academic administrator for the Department of Brain and Cognitive Sciences, said that the department is hoping for

about 14-15 students to enroll this year; last year, there were 12.

Janice D. Chang, academic administrator for the Department of Biology, said that preliminary information for biology admissions was not yet available, since decisions on all applicants had not yet been made. This is the first year that the

biology department has considered MIT undergraduate biology majors for graduate admission.

So far, 827 offers of admission have been made, but there are still many more to come before the end of March, Johnson said. The overall yield was 57 percent in 2004, and 60.5 percent in 2005.

Solution to Bonus Crossword
from page 6

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

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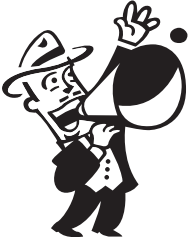

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Augustine to Advise Air Force, But Can He Even Read Report?

Lincoln Labs, from Page 1

Lincoln Lab-led report itself is on the list, according to Nira Schwartz, the dismissed TRW engineer who filed the civil lawsuit.

Also on the list is the MIT document that lists the six issues that Godfrey will be investigating, according to Reif.

If Augustine can't read the disputed report or the questions that have been raised, how can he advise Godfrey's investigation?

"That's a good question," Reif said. "Augustine may be able to say at the end, 'Look, I don't subscribe to this conclusion, because it was important for me to see this, and unfortunately I wasn't allowed to see it.'"

"If he's going to say that, I don't think DOD's going to like that," Reif said. "Let's see how the process evolves."

¶ How independent will the investigation be?

The choice of investigator and advisor illustrates the difficulty in finding independent experts in the small, classified world of missile defense.

The Defense Department is both the principal beneficiary of the disputed report — the Lincoln-led team's positive findings helped the Missile Defense Agency end a criminal investigation into fraud in the system — and, now, the entity investigating whether the report's findings were wrong.

Lockheed Martin is both the home of Augustine, the advisor — he was chairman and chief executive when the disputed test took place and still maintains an office at the company — and a participant in the

very analysis now at issue. (Official documents refer to "Lincoln Laboratories/Lockheed Martin" providing data to TRW in the test.)

A 2002 report by the Government Accountability Office blamed some of the problems in distinguishing warheads from decoy balloons on "software that did not function as designed" because of the poor performance of a Lockheed rocket engine used in the test.

"I don't see how Mr. Augustine can pass the laugh test of being independent and impartial," Postol said.

MIT officials described the situation as unavoidable and said there is no conflict of interest.

"It's hard for me to understand how either an employee of the DOD or Norm Augustine would get a benefit of shading that either way," said Canizares.

"If we want to identify somebody that has the right credentials, who has the right integrity, who has the right knowledge, and is completely uninvolved in anything that has ever happened, it would be almost impossible to find," Reif said.

Augustine has "certainly shown himself to be an independent-minded person," said Philip E. Coyle III, a missile-defense critic who was President Clinton's assistant secretary of defense for test and evaluation from 1994 to 2001. "He has a wonderful reputation."

¶ Did MIT's researchers end up giving the government exactly what it asked for?

A large part of the dispute here is about the responsibilities of scientists who agree, under carefully-defined parameters, to prepare reports for the

government. Should they bend over backward to report possible errors or flaws in the data they used to draw their conclusions, or may they ethically stick to a narrower scope?

In this case, the disputed report was commissioned under a charter whose narrowness was virtually unprecedented in the history of the relationship, known as POET, between the Missile Defense Agency and its federally-funded research partners.

"Unlike almost any other POET report," said Edward F. Crawley, the professor who conducted MIT's preliminary inquiry, "they were tightly constrained, or they were told to be tightly constrained." (Crawley made his remarks in a 2002 conversation with Postol, according to a transcript of the conversation.)

Postol takes a broader view: "When you write a scientific paper with results, and you present the results based on data that was taken, you explain how you corrected the data for problems in the measurement. That's part of the procedure."

In this case, "they simply said that there's no problem, and they didn't describe the problems with the data acquisition. That is fraud, period."

Canizares, the associate provost, said that the Lincoln-led team simply was not supposed to discuss problems "with the data acquisition," whether they were there or not.

"They said that the software basically worked the way TRW said it worked," he said. "It wasn't a statement that IFT-1A worked," he said, using the abbreviation for Integrated Flight Test. "That's not what they were asked to look at. That's not what they looked at. They had a very narrow charge."

1983	March 23	President Ronald Reagan announces the Strategic Defense Initiative, an ambitious proposal derided by critics as "Star Wars," to protect the United States from a massive Soviet missile attack.
1993		The Strategic Defense Initiative Organization is renamed the Ballistic Missile Defense Organization, or BMDO, with the goal of developing a much more limited defense against missiles.
1996		Nira Schwartz, a senior engineer at the military contractor TRW Inc. (now known as Northrop Grumman Systems & Mission Corp.) accuses TRW of exaggerating the ability of a sensor and computer program that try to tell the difference between warheads flying through outer space and balloon decoys. She sues TRW on behalf of the government. (In March 2003, the case is dismissed on the grounds that it would hurt national security by revealing classified information. She has appealed.)
1997	June 24	The BMDO and its contractors, including TRW, conduct a test, known as the Integrated Flight Test 1A, to see whether the TRW system can tell the difference between warheads and decoy balloons floating in outer space. The director of the BMDO calls the test "very successful."
1998	June 1	In response to Schwartz's allegations, the BMDO commissions a group of five scientists, known as the Phase One Engineering Team, or POET, to review the June 1997 IFT-1A test. The team is led by MIT's Lincoln Laboratory and includes two Lincoln Lab scientists, Ming-Jer Tsai and Charles K. Meins Jr. '75.
1998		The POET team concludes that "Mrs. Schwartz's allegations were not true," according to a scientist familiar with the team's work who spoke on condition of anonymity. The team writes that in general, TRW's methods "are well designed and work properly."
2000	December	TRW's system is not selected for the missile defense system. Instead, the BMDO chooses a competing system from Waltham-based Raytheon. Critics, including Professor Theodore Postol of MIT, maintain that the Raytheon system has the same problems in distinguishing warheads from decoys as the TRW system.
2000	May	Schwartz sends an unclassified copy of the POET report to Professor Postol. He sends it to the White House, along with a detailed letter accusing TRW of "fraudulent methods."
2001	April	Postol begins sending a stream of letters to MIT officials, calling the POET report "a serious case of scientific fraud" and demanding that MIT repudiate the report.
2002	January	The Ballistic Missile Defense Organization is renamed the Missile Defense Agency.
2002	February 11	Provost Robert A. Brown writes to Postol that MIT will not review the factual accuracy of the POET report, because it is a "government, not MIT, document." But MIT will initiate a misconduct investigation against the report's two MIT authors, Tsai and Meins, Brown writes.
2002	February 28	The General Accounting Office, the non-partisan investigative arm of Congress, gives Postol some ammunition by releasing two reports criticizing the POET report and concluding that TRW had exaggerated its system's performance.
2002	April	Brown appoints Professor Edward F. Crawley '76, then the head of the Aeronautical and Astronautical Engineering Department, to conduct a preliminary inquiry in order to determine whether a full misconduct investigation is warranted.
2002	July	Crawley writes in a draft report that no investigation is warranted. "Not only do I find no evidence of research misconduct, but I also find no credible evidence of technical error."
2003	August 2	Crawley and Postol meet for a lengthy technical discussion.
2003	November 4	Crawley reverses his earlier draft finding, and recommends a full investigation into Postol's allegations.
2003	January	Brown accepts Crawley's recommendation for a full-blown investigation. At this point, the MIT Policies require that an investigation begin "promptly."
2003	March	Brown releases a statement that MIT has not yet begun the investigation into Professor Postol's allegations. "MIT has been working to establish a process that permits these issues to be investigated fully and objectively. To achieve this goal, MIT must explore with the relevant federal agencies the steps necessary to permit the investigation to proceed."
2004	December 1	President Bush releases a statement that the Institute has so far been unable to investigate Professor Postol's allegations because the Missile Defense Agency has not allowed an investigation of the POET report. "MIT has identified a panel of distinguished outside investigators, all of whom have appropriate security clearances, to conduct the investigation. However, we have not yet been successful in obtaining approval from the Missile Defense Agency to give them access to this classified information. Without that access, the investigation cannot be conducted."
2004	December 2	The Missile Defense Agency releases a statement that it has denied MIT's request because there have already been enough investigations into the Integrated Flight Test 1A.
2006	February	MIT and the Department of Defense announce an agreement to end the deadlock. MIT will call off its efforts to investigate the report itself. A senior Air Force scientist and administrator, Brendan Godfrey, will conduct an investigation, advised by a retired Lockheed Martin chairman, Norman Augustine.

matthew mcconaughey sarah jessica parker

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Solution to Crossword
from page 5

R	I	F	E	U	N	T	O	B	S	I	D	E					
I	R	A	Q	G	A	I	N	U	N	D	I	D					
M	E	N	U	S	L	I	E	R	S	U	I	N	G				
W	H	E	L	P	B	A	S	I	L	R	A	T	H	B	O	N	E
E	E	L	A	C	C	E	P	T	S	S	R	S					
A	R	T	S	H	A	G	T	B	A								
R	O	S	E	M	A	R	Y	C	L	O	O	N	E	Y			
W	I	P	E	T	A	T	E	R	S	M	A	L					
A	G	R	A	I	L	C	H	I	M	P							
R	U	E	M	C	C	L	A	N	A	H	A	N					
S	A	V	O	R	D	U	E	L	R	A	T	E					
A	N	I	S	E	A	D	A	M	S	T	A	B					
W	A	N	T	S	Y	I	P	S	H	E	R	B					

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Solution to Sudoku
from page 5

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



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Pearson's SAT Scoring Errors Affect 4,000 Students

By Karen W. Arenson
and Diana B. Henriques

THE NEW YORK TIMES

The scoring errors disclosed this week on thousands of the College Board's SAT tests were made by a company that is one of the largest players in the exploding standardized testing business, handling millions of tests each year.

The mistakes, which the company, Pearson Educational Measurement, acknowledged Thursday, raised fresh questions about the reliability of the kinds of high-stakes tests that increasingly dominate education at all levels. Neither Pearson, which handles state testing across the country, nor the College Board detected the scoring problems until two students came forward with complaints.

"The story here is not that they made a mistake in the scanning and scoring but that they seem to have

no fail-safe to alert them directly and immediately of a mistake," said Dean of Admissions Marilee Jones. "To depend on test-takers who challenge the scores to learn about system failure is not good."

These were not the first major scoring problems that Pearson has experienced. The company agreed in 2002 to settle a large lawsuit over errors in scoring 8,000 tests in Minnesota that prevented several hundred high-school seniors from graduating. It also has made significant scoring errors in Washington and Virginia.

After those problems, company officials had assured clients that they had vastly improved their quality control. But the new problems on the October SAT turned out to be the most significant scoring errors that the College Board had experienced.

Pearson said Thursday that the SAT errors, which affected 4,000

students out of 495,000 who took the October test, arose partly because of excessive moisture that caused the answer sheets to expand before they were scanned at the company's large test-processing site in Austin, Texas.

"To depend on test-takers who challenge the scores to learn about system failure is not good."

—Marilee Jones

Another factor, the company said, was that its scanners did not pick up some lightly marked answers.

The company said in a statement that it was taking steps to make sure that "this unfortunate situation will

not happen again." Chiara Coletti, the College Board's vice president for public affairs, said Thursday that the College Board has continuing confidence in Pearson. "Pearson says they now understand the technical issues fully and we know they can control for those issues now," she said. "We are confident of that because our operations people have been talking to their operations people steadily."

The College Board has said that most of the students affected actually had higher scores than were reported to colleges. In some cases the scores were off by as many as 400 points out of a possible 2,400 on the three-part exam covering mathematics, reading and writing.

Pearson said Thursday that it had examined the scoring of all the subsequent SATs, which were administered in November, December and January, and found no further

problems.

But some critics were not reassured. Shawn Raider, the lawyer who represented the Minnesota families who successfully sued Pearson, questioned whether the company had made good on its promise to improve its procedures.

"They certainly said in the course of our lawsuit that they not only were going to, but already had, implemented new quality-control measures," he said.

The Pearson testing unit, the largest subsidiary of Pearson PLC, the giant publishing company which also owns The Financial Times, won the sizable contract for scoring the SAT exams in 2003, taking over some functions previously performed for the College Board by the Educational Testing Service.

It was one of many contracts that have helped make Pearson a giant in a field that has grown enormously since President Bush signed the No Child Left Behind Law in 2002, spurring demand for state testing. Indeed, for 20 years, Pearson has worked on the Texas testing program that was the template for Bush's national testing initiative. Nationally, it scored more than 300 million answer sheets last year.

Even as the company explained what went wrong Thursday, new complaints emerged from students and educators who questioned how they could continue to have confidence in the nation's testing apparatus.

Joe Giglio, director of admission at St. Peter's College in Jersey City, N.J., said, "It seems that there is a need for some sort of outside auditing of their processes to insure the integrity of the testing from this point forward."

Philip Benoit, a spokesman for Franklin & Marshall College in Pennsylvania, said Thursday that at least one applicant, whose SAT score was revised upward by 110 points, now qualified for the school's merit-based Marshall Scholarship of \$12,500.

Beatrice Bradley, a senior at the Williams School in Connecticut, who found out that her reported score on the writing section of the SAT exam should have been 700 rather than 690, said one of her friends had also had an Advanced Placement score raised last year.

"You have to wonder how many things go unchecked," she said.

The SAT errors, which the College Board started to investigate only after two students questioned the scores they received in late December, were not unprecedented.

As testing has expanded dramatically in the last decade, many more errors have occurred and almost all of them have been detected by students, parents or school officials challenging the accuracy of scores. Pearson said Thursday that it did not learn of the SAT problems until early February.

Some testing industry executives acknowledged Thursday that the highly-visible SAT errors will add to the pressures the industry is already facing.

"There's no question that the testing industry is challenged," said Stuart R. Kahl, president and chief executive of Measured Progress, a nonprofit testing publisher in Dover, N.H., that provides testing services to 24 states. "But with the growth in business, most companies are implementing systems to make this job doable, so I don't get a sense that there is likely to be an exponential growth in errors."

But Kahl noted that standardized tests at all educational levels are constantly being revised. "The SATs have been undergoing a lot of changes," he said Thursday.

For now, college officials, who were caught by surprise by the mistakes at the height of the admission season, said they were working to take the revised scores into account so that students are not disadvantaged by the scoring errors, almost all of which lowered student scores.

The College Board said that 83 percent of the score errors were between 10 and 40 points.

The CCRR Grants Program funds events and activities that bring together racial, ethnic, and cultural groups to provide forums for addressing problems and concerns associated with race relations, to celebrate different cultures, and to increase awareness of the diversity that is MIT.

web.mit.edu/ccrr

Next Grant Application Deadline
1 April 2006

committee on campus race relations

Call for Nominations 2006 Student Art Awards

LAYA and JEROME B. WIESNER STUDENT ART AWARDS

The Laya and Jerome B. Wiesner Student Art Awards are presented annually to up to three students (undergraduate or graduate), living groups, organizations or activities for outstanding achievement in and contributions to the arts at MIT. Established in 1979, these awards honor President Emeritus Wiesner and Mrs. Wiesner for their commitment to the arts at MIT. An endowment fund provides a \$1,250 honorarium to each recipient.

<http://web.mit.edu/arts/about/awards/wiesner.html>

LOUIS SUDLER PRIZE IN THE ARTS

The Louis Sudler Prize in the Arts is presented annually to a graduating senior who has demonstrated excellence or the highest standards of proficiency in music, theater, painting, sculpture, design, architecture or film. The Prize was established in 1982 by Mr. Sudler, a performer in the arts and an arts patron from Chicago. An endowment fund provides a \$1,250 award to the honoree.

<http://web.mit.edu/arts/about/awards/sudler.html>

Please send nominating letters (by email or campus mail) by **Friday March 17, 2006** to:
Susan Cohen, Director, Council for the Arts at MIT- E15-205
cohen@media.mit.edu

Friends and Family Remember Singh As Brilliant, Gregarious

Singh, from Page 1

Moss, who opened the service, said that although he had only arrived at Media Lab this year, people told him, "you've got to meet this guy Push Singh." "Push embodied Media Lab," and "we are intent on continuing his work," he said.

Glorianna Davenport, a Media Lab principal research associate, described Singh's gregarious nature, as he would sit in common area "waiting for some unsuspecting person" to come by with whom to have a conversation. "Push will never be sitting on that bench anymore," Davenport said.

Bo Morgan G, who was mentored by Singh, said he first wondered, "is he crazy or is he brilliant?" He said he decided the answer was brilliant, to much laughter from the attendees. Morgan said he tried to avoid asking Singh for anything, because he knew Singh would try very hard to fulfill that wish. Morgan broke down when he remembered Singh once saying, "It would be a shame to lose you Bo." He pledged to "inspire my students and children" as Push inspired us all.

Another friend, who met Singh as an undergraduate at MIT, said he be-

came friends because Singh, a total stranger at the time, had called one night to discuss a philosophy paper. He eventually hung up on Singh because it was too strange, but this was the unusual beginning of a friendship that would last throughout graduate school.

At the end, another friend of Singh's played a slide show with pictures of Singh as a child, grown-up wearing a graduation cap and gown, with his family, and smiling with his girlfriend Barbara Barry, accompanied by music and audio of Singh describing his research.

A family representative at the memorial service said there was "no answer to why and how" of what happened, and read excerpts from Singh's writing as a 13-year-old who wanted to know the "workings of the world."

Singh, 33, was found dead in his apartment as a result of an apparent suicide on Feb. 28. He is survived by his parents, Mahender and Kulwant Singh, two sisters, Vindi and Raminder, and his girlfriend Barbara Barry, according to a *Tech Talk* article. A Media Lab fellowship for undergraduates will be established in Singh's memory, Moss said.

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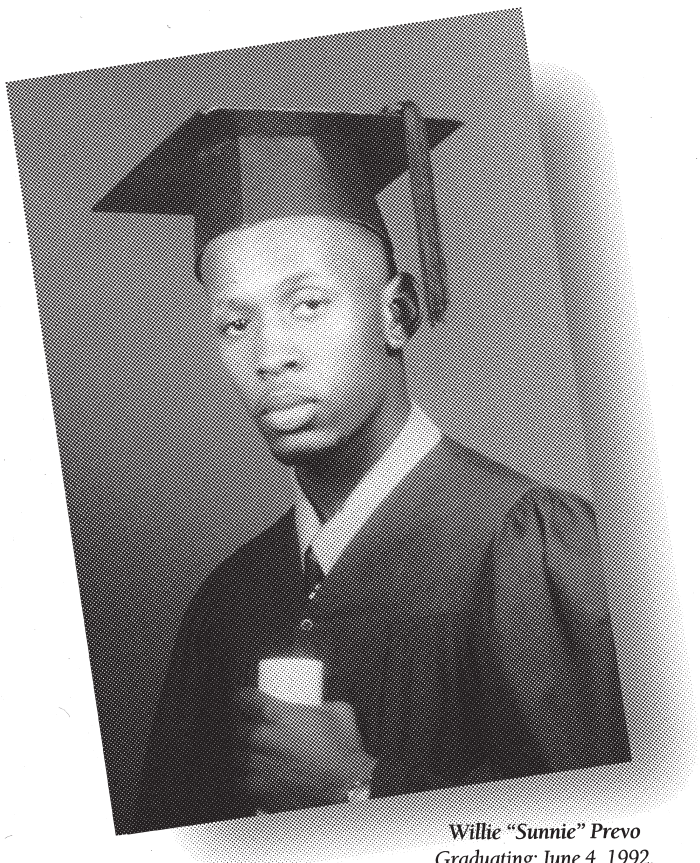
OR

...IF you and your twin (or the twins that you know) can take the MIT Twin Language Survey.

(All people taking the survey *must* have learned English the age of 7)

The survey can be completed online in only 5 minutes!

For more information email the MIT Wexler Laboratory at: mitsurvey@gmail.com



Willie "Sunnie" Prevo
Graduating: June 4, 1992.
Killed: May 28, 1992
Cleveland, OH

If you don't stop someone from driving drunk, who will? Do whatever it takes.

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U.S. Department of Transportation

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-MIT Concert Band President



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SPORTS

Sport Taekwondo Hosts National Tourney

By Christine Lee
TEAM MEMBER

The MIT Sport Taekwondo Team is ranked second in the nation after competing in the National Collegiate Taekwondo Championships held at MIT on Friday and Saturday, Feb. 24-25. Over 400 competitors from over 100 schools, including 30 competitors from MIT, competed in an exciting match of forms and full-contact, Olympic-style sparring.

This national level competition attracted some of the best collegiate athletes from all over the country, including world-class competitors like 2004's U.S. Olympic silver medalist Nia Abdallah. As a team, MIT placed third in the Championship Division (black belts), first in the Novice Division (color belts), and second overall to University of California Berkeley. Co-captain Erica Y. Chan '07 was named female athlete of the year.

Collegiate taekwondo tournaments take place in two parts: poomse (forms, or pre-choreographed moves) and gyo-roogi (sparring). Forms competition took place on Friday at the Hyatt Regency Hotel on Memorial Drive. MIT placed second in the Championship Division, with Chan, team co-captain Bobby B. Ren G, and Rosemary E. Pike '07 winning silver and Ryan B. Huang '06 and Andrew Selbst taking bronze in their respective divisions.

In Novice forms, MIT won golds left and right. Rene R. Chen '07 and John C. Ho G ranked first in the red belt division, Richard-Duane S. Chambers G dominated the blue belts, and beginners Christopher J. Han '09 and Christine M. Lee '09 took gold in the yellow belt division. Bronze medal winners included yellow belt Corinna Hui '09, green belt Yunji Wu '09, blue belt Forrest W. Liao '06, and red belt Sharon A. Lawrence '07.

MIT ranked third overall after forms and was ready to improve its rank in the coming day of sparring.

Sparring matches took place all Saturday in the Johnson Indoor Track, which had been transformed into a giant taekwondo arena. Matches began with color belts in the morning and increased in intensity, culminating with black belt



Conor F. Madigan G (right) sparred with Daniel Eum of University of California Berkeley, winning 5-6. The MIT Sport Taekwondo Club hosted the 31st National Collegiate Taekwondo Association Championships (NCTA) in Johnson Athletic Center on Saturday, Feb. 25, and came in 2nd place overall.

sparring in the afternoon.

Chan was one of the stars of the tournament. After winning her first match with an emphatic score of 7-0, she sparred her way through an especially difficult division to come out on top with gold. Chan and Pike also qualified for national team trials in Denver.

Another high point of the tournament was seeing MIT teammates Chambers and Liao move through the brackets to meet each other in the final match of the men's blue belt middleweight division. They were incredibly evenly matched, chasing each other point-by-point until Liao scored a headshot to reach the 12-point limit and win the gold.

Chen and Han both won silver medals after exciting matches. Han won the men's yellow belt middle-

weight semifinal match by the judges' vote after overtime. Meanwhile, Chen, in the final match of the women's red belt lightweight division, faced an especially aggressive competitor from Texas A&M who had crushed her previous two opponents 7-0.

Chen made an impressive showing, and, with head coach Dan Chuang's experienced guidance, led the match by one point until the final five seconds. Says Chen about her match, "Although I lost the finals, I am happy with my performance overall"

Other sparring highlights included Lawrence's gold in the women's red belt middleweight division. Kurt R. Weiss G, in his debut competition, easily picked up gold in the men's yellow belt heavyweight divi-

sion. Ho took home silver in men's red belt middleweight sparring. Bronze medal winners included Pike, sparring in women's blackbelt heavyweight division, John T. Wong '06 who sparred in men's red belt lightweight division, brown belt Finale P. Doshi G, green belt Wu, and yellow belts Hui and Lee.

In addition to competing in the year's biggest tournament, participants acted as organizers as well.

In particular, club president Alicia Y. Zhou '06 and team co-captain Ren managed event logistics while preparing for the sparring in the black belt level.

At the end of an exhausting weekend, MIT's Sport Taekwondo Team is proud to stand among the best in the nation. The next tournament will be at Yale on April 8.

Chang
Named
Fencer of
The YearBy James Kramer
DIRECTOR OF SPORTS INFORMATION

For the second year in a row, the Northeast Fencing Conference selected junior Trevor T. Chang '06 as the Male Fencer of the Year. He became the first athlete in conference history to earn the honor in back-to-back seasons after posting the league's best individual record of 23-1.

Chang was also tabbed for the All-Star Team for the third time while Brian J. Quattrochi '06, Jason Chen '07, and Spencer R. Sugimoto '08 earned their second career selections. Matt L. Gethers '09, Igor Kopylov '09, and Michael N. Beregovsky '06 earned their first All-Star selections from the NFC.

MIT had a record-high five representatives on the NFC Women's All-Star team. Gemma L. Mendel '06 earned the third selection of her career while Shauna Jin '06, Nancy Hua '07, Mika A. Tomczak '06, and Joanna W. Tong '08 collected their first conference accolades.

ESPN names D'Auria to team

Mike W. D'Auria '06 added more individual hardware to his growing list of accolades after leading MIT basketball to one of its best seasons ever (21-9). The reigning New England Women's and Men's Athletic Conference Player of the Year was recently named to the ESPN The Magazine's Academic All-America Men's Basketball team, securing the second Academic All-America honor for the Institute this year.

Landing a spot on the Third Team in the College Division, D'Auria's selection to the Academic All-America squad is the fifth national honor in the program's history and the first appointment since Craig Heffernan copped Third Team honors in 2001.

Orji sets new MIT track record

Uzoma A. Orji '06 set a new MIT record with a winning effort in the weight throw and placed fifth in the shot put, as he led MIT to a 21st-place tie in the 51-team field this past weekend at the prestigious IC4A Championships.

The all-divisional competition at Boston University spanned two days and 20 events with Penn State University finishing the meet atop the leader board. Orji finished fifth in the shot put, but was only defeated by Division I competition.

Despite the setback, Orji outpaced the entire field in the 35-pound weight throw. He moved from fourth to third on his first throw in the finals, and then he took over first on his second throw before capping the victory with his third toss. His 65' 10 1/2" throw topped his previous personal best and Institute record of 64' 9 1/4", set in 2005.

Rifle takes second in championship

MIT rifle capped a great season with a second-place finish at the Mid-Atlantic Conference Championships last weekend. The team finished the season in second place behind Virginia Military Institute in air rifle and closed in second place behind the U.S. Coast Guard Academy in smallbore.

Anton Katz '07 completed the championship with the second-highest scores in both guns, falling only to two shooters from the U.S. Naval Academy. The Engineers finished the regular season with a record of 12-3 in smallbore and 9-3 in air rifle.

UPCOMING HOME EVENTS

Saturday, March 11, 2006

Varsity Men's Volleyball vs. Johnson & Wales University
1 p.m., Rockwell CageMIT
Emile Bustani Middle East Seminar
Presents

Dr. Rima Khalaf Hunaidi

United Nations Assistant Secretary General,
Director, Regional Bureau for Arab States (RBAS)
At UNDP"How Were the Arab Peoples Betrayed?
Findings of the UNDP Arab Human Development Reports"

Tuesday, March 14, 2006

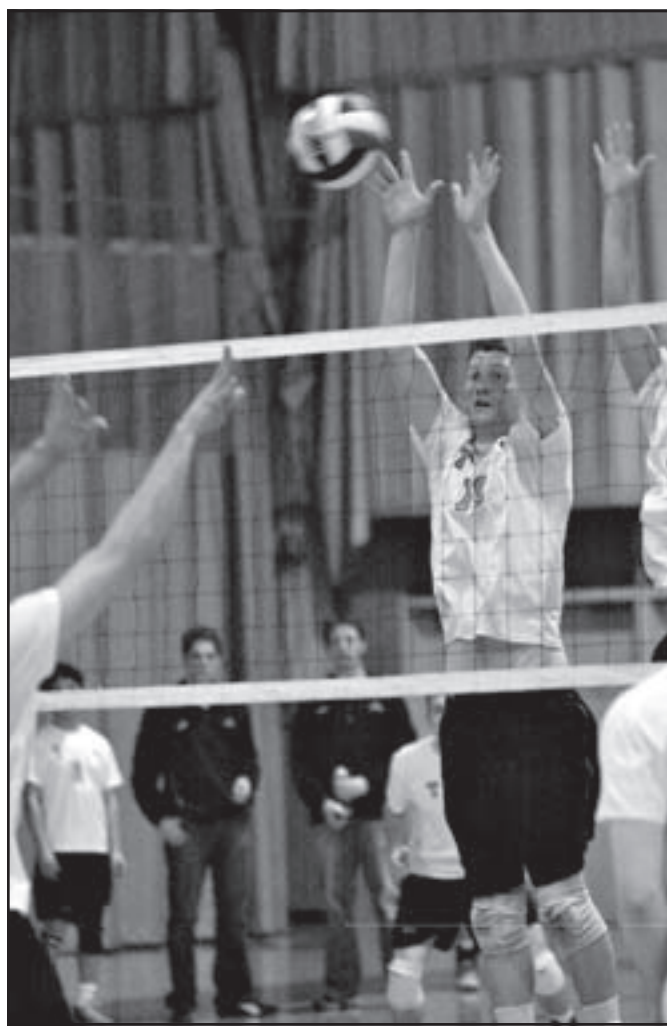
4:30 - 6:30 p.m.

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Thomas S. Pollom '09 jumps to block the ball in the MIT Men's Volleyball match against Harvard on Wednesday. The Engineers lost 3-1.