Lincoln Lab Not Guilty of Fraud, DoD Says

By Angeline Wang

A Department of Defense investigation into long-standing allegations of fraud in a Lincoln Laboratory-led review of national missile defense tests has concluded that neither the review team nor Lincoln Laboratory management is guilty of research misconduct. The DoD investigative report, released Friday, pointed out problems with how the review’s results were presented — namely that critical information was omitted in the study — but said that these actions “did not rise to the level of research misconduct.”

Entering its eighth year, the dispute regarding the Lincoln Laboratory review has raised questions about how MIT can manage and oversee classified research for the United States government. Labor scientists should be publicly exonerated. Additionally, the report notes that some requirements in MIT research misconduct policies were strengthened and that the DoD itself should prepare a “lessons-learned” report regarding this case several months from now.

MIT considers the matter closed and will now work toward addressing the recommendations made regarding MIT policies and procedures, said Claude Cantimrotes, vice president for research and associate provost.


The allegations center around the Lincoln Laboratory’s classified “POET” Study, a 1997 Pentagon missile test. (For a timeline of events, see page 17.) The 1999 POET Study concluded that the test results were valid and that the Pentagon’s national missile defense system could distinguish actual warheads from warhead-shaped balloon decoys in outer space. This conclusion was questioned by critics, including MIT Professor Theodore A. Postol ’67, who believe that the original test results were exaggerated, that the POET Study has contradicted the Lenard model, and that the defense system would not work against a real attack.

DoD Report, Page 16

Two Student Life Deans to Leave MIT in June

Newly Announced Position Will Combine Duties of Deans For FSILGs and Residential Life Programs

By Marie Y. Thibault

Two student life deans will leave MIT on June 30, 2007, as their positions are merged. The decision to combine the positions of Dean David N. Rogers, associate dean and director of Fraternities, Sororities, and Independent Living Groups, and Dean Andrew J. Ryder, assistant dean for Residential Life Programs, comes in the wake of an earlier reorganization of the Division of Student Life.

The announcement, which came in early March, was a surprise to students and the deans themselves. In an e-mail version of the announcement, Karen A. Nilsson, senior associate dean for Residential Life, wrote that “the areas of FSILGs and Residential Life Programs . . . will join forces to strengthen that which is shared among them and provide comprehensive programs for all students at MIT.”

Rogers and Ryder agreed that the new combined position will be a challenging one. Ryder’s advice to the new staff member is to “listen to students and other players at the Institute,” citing his relationship with dormitory housemasters as key to his success. “I think it’ll be a daunting task for anyone,” Rogers said, adding that it will be difficult to balance the differences between the FSILGs and dormitories while trying to increase collaboration.

It was announced in early March that Deans Andrew J. Ryder and David N. Rogers (left and right, respectively) would be leaving MIT June 30, 2007.

Both deans said that they do not know what went into the decision to merge their positions nor what qualifications will be important to those hiring the new staff member.

In an earlier reorganization of the Division of Student Life that went into effect on Jan. 1, 2007, a new Residential Life unit was created. The unit now includes Housing, Residential Life Programs, and the Dining office.

It’s unclear what went into the latest decision to combine Rogers’ and Ryder’s positions, since Nilsson could not be reached for comment. Dean for Student Life Larry G. Benedict declined to comment. In a Nov. 17 Tech article, Nilsson said that she planned to gather student feedback on the Jan. 1 reorganization, saying, “It’s always been our practice to utilize our students on teams.”

Students were “absolutely not” part of the decision to merge the positions, Undergraduate Association of Students, Deans, Page 13

MIT Sweeps Putnam, Team Takes Third Place

By Angeline Wang

MIT’s team took third place in the 2006, 67th annual William Lowell Putnam Math Competition, behind teams from Princeton University and Harvard University. The University of Toronto and University of Chicago rounded out the top five.

The MIT team was selected by Professors of Mathematics Hartley Rogers Jr. and Richard P. Stanley, were Oleg I. Golberg ’08, Daniel M. Kane ’07, and Kuan T. Vessenev Lincoln Laboratory. According to the team, a general summary is made up of the three students who receive the highest scores in the preceding year’s Putnam Competition. Golberg, Kane, and Vessenev were among the top five or six highest ranking individuals — called Putnam Fellows — last year.

This year’s Putnam Fellows include Kane and two MIT freshmen, Hau-Heng Diao ’09 (who declared sophomore standing), according to Rogers and Yufei Zhao ’10. “It’s too bad we didn’t have them on the team,” Rogers said jokingly. Because of the way the team is selected, freshmen are usually not placed on the team, according to Rogers. “We had no idea how well they’d do.” Rogers said. “Those two this year obviously are strong candidates for next year.”

Half of the 26 monetary prize winners and 25 of the top 75 highest-scoring participants — including the monetary prize winners and individuals given honorable mentions — were MIT students this year. Rogers said. “We dominated the competition.”

Ada Lipkin ’08 and Brad Lowe dance rumba during the MIT Open Ballroom Dance competition on the second floor of the Student Center.

Visit us online at http://www.ets.org/gre to learn more about the annual Putnam competition.

Summer housing applications due April 22, are now available online at http://web.mit.edu/housing/undergrad/summerhousing.html.

E-mail system, Athena fail cancelled

More information can be found at http://web.mit.edu/housing/undergrad/undergrad_housing_calendar.html.

Learn CPR for $5 at Thursday’s Main CPR event. Two sessions will be held from 1:30-4:00 p.m. and 6-9:30 p.m. in La Sala de Puerto Rico on the second floor of the Student Center. To sign up, see http://bearsafe.mit.edu/?op=classes.

Acclaimed novelist Jamaica Kin-
caid reads in 10-250 on Wednesday at 6:30 p.m. Free and open to the public.

MIT Libraries book sale will be held today from 10 a.m.–3 p.m. in 10-105.

In Short

• Planned GRE changes have been cancelled, as announced by the Educational Testing Service yesterday. More information can be found at http://www.careerwise.com/.

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In Short

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### McCain Wrong on Iraq Security, Merchants Say

**By Kirk Sample**

A day after members of an American congressional delegation led by Sen. John McCain, R-Ariz., pointed to their brief visit to Baghdad's central market as evidence that the new security plan for the city was working, the merchants there were incredulous about the Americans' conclusions.

"What are they talking about?" Ahs Jasim Fadyat, the owner of an electrical appliances shop in the market, said Monday. "The security procedures were abandoned!"

The situation appears to have reversed itself as news of the American visit spread through the market, which is called Shorja, on Sunday with more than 100 soldiers in armored Hummers, and attack helicopters circling overhead, a senior American military official in Baghdad said. The soldiers redirected traffic from the area and restricted access to the Americans, witnesses said, and sharpshooters were posted on the rooftops.

### Romney Reaps $20 Million to Top GOP Rivals in First Quarter

**By David K. Kirkpatrick**

Mitt Romney's presidential campaign Monday said that it had raised $20 million during the first quarter, tapping two distant but rich networks — Wall Street and the Mormon church — to easily outpace his better-funded primary rivals.

Sen. John McCain, the Arizona lawmaker once considered the frontrunner, brought in $13.5 million, his campaign said. It was an unexpected shortfall that could hamper his momentum, and his campaign acknowledged disappointment. Former New York Mayor Rudy Giuliani's campaign said it raised about $13.4 million. Both figures would have set records in previous years, but on Monday, they were both dwarfed by Romney and Sen. Hillary Rodham Clinton, D-N.Y., who brought in $26 million.

Madden, a supporter for Romney, said the total was "indicative of the extraordinary success he has had reaching out and discussing important issues with the American people." Madden credited an online system — called "com-Mitt" — that the campaign had set up for volunteer fundraisers to e-mail information and solicitations to their friends and associates.

### Rebel Ambush in Darfur Kills Five African Union Peacekeepers

**By Lydia Polgreen**

Five African Union peacekeepers were killed in a brazen rebel ambush in Darfur last year from a mile near their base along Sudan's border with Chad on Sunday evening, the African Union said on Monday. It was the deadliest attack on the beleaguered African Union force since it was deployed to monitor a shaky cease-fire agreement in 2004. The motive for the ambush appeared to be theft — the rebels took one of the peacekeepers' trucks, though reinforcements killed three of the attackers, African Union officials said.

At least 13 African Union soldiers have been killed since the peacekeepers were deployed in 2004, and this latest attack will doubtless increase the pressure on the other major contributors of troops to either strengthen the small, under-equipped force or withdraw.

The African Union force has been waiting for nearly a year to hand its mission over to the United Nations, which has refused to allow any but African Union peacekeepers in Darfur. With the AU battling both to cover an area the size of France, little equipment, and a very limited mandate, the African Union force has been described as ineffective at protecting civilians.

### Supreme Court Declines to Hear Detainees' Habemas Corpus Case

**By Lydia Greenhouse**

The Supreme Court on Monday declined to hear urgent appeals from two groups of detainees at Guantanamo Bay. The 45 men sought to challenge the constitutionality of a new law giving the federal judges of the authority to hear challenges to the open-ended confinement of foreign citizens held at the U.S. naval base in Cuba and designated as enemy combatants.

The court's action leaves standing a ruling six weeks ago by the federal appeals court here that upheld the jurisdiction-stripping provision of the one-sentence order "respecting the denial," signed by the President, that spoke for the three.

The separate opinion was a statement of the court's conclusions. It said that the case "is highly likely to have a broader impact on the debate over government efforts to address global warming."

Climate experts around the country had been placed on hold to await the decision in this case. Among them is a challenge to the EPA's refusal to regulate carbon dioxide emissions from power plants, now pending in the federal appeals court here. Individual states, led by California, are also moving aggressively into what they have seen as a regulatory vacuum.

Stevens, joined by Justices Anthony Kennedy, David H. Souter, Ruth Bader Ginsburg and Stephen G. Breyer, said that by providing nothing more than a "laundry list of reasons not to regulate," the Environmental Protection Agency had defied the Clean Air Act's "clear statutory command." He said a refusal to regulate could be based only on science and "reasoned judgment," adding that while the statute left the central determination to the "judgment" of the agency's administrator, "the use of the word "judgment" is not a roving license to ignore the statutory text."

The court decided a second Clean Air Act case on Monday, adopting a broad reading of the EPA's authority over factories and power plants that add capacity or make renovations that increase emissions of air pollutants. In doing so, the court reversed a federal enforcement effort against the Duke Energy Corp. under the Clean Air Act's "new source review" proviso.

The vote in the second case, Environmental Defense v. Duke Energy Corp., was 9-0.

The two decisions left environmental advocates exultant. Many said they still harbored doubts about the federal agency and predicted that the decision would help push the Democratic-controlled Congress to address the issue. Even in the nine months since the Supreme Court agreed to hear the case, Massachusetts v. Environmental Protection Agency, and acting since the elections in November, there has been a growing interest among industry groups in working with environmental organizations on proposals for emissions limits.

### Weather

#### April Showers

**By Scott Stransky**

The saying goes “April showers bring May flowers.” We will certainly get to experience those April showers this week, as we return to work after the break.

A large front that produced severe storms over the plains (including some tornadoes) has stalled out and is now the United States for the duration of this week. It will give us dreary conditions: cold and damp with on-and-off rain showers, and possible snow showers at night. Temperatures will remain below 50°F (10°C) during the day, and will fall to near freezing at night. As a result, temperatures appear to be held by low 60°F (16°C) for the next few weeks, but there is a clearing trend towards this weekend.

#### Extended Forecast

Today: Clouds and some rain. High 53°F (12°C).

Tonight: Rain, possibly mixing with sleet. Low 35°F (2°C).

Thursday night: Rain, likely to mix with sleet or snow. Low 35°F (2°C).

Today: Chance of some more rain. High 46°F (8°C).

Thursday night: Rain showers. Low near 33°F (1°C).

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**EPA Has Power to Regulate Gases, Rules Supreme Court**

By Linda Greenhouse

In one of its most important environmental decisions in years, the Supreme Court on Monday ruled that the Environmental Protection Agency has the authority to regulate heat-trapping gases in automobile emissions.

The court further ruled that the agency could not sequester its authority to regulate the greenhouse gases that contribute to global climate change unless it can provide a scientific basis for its refusal.

The 5-4 decision was a strong rebuke to the Bush administration, which has maintained that it does not have the right to regulate carbon dioxide and other greenhouse gases under the Clean Air Act, and that even if it did, it would not use the authority. The ruling does not force the EPA to regulate auto emissions, but it would "almost certainly face legal action if it fails to do so," said the majority.

Writing for the majority, Justice John Paul Stevens said the agency could "avoid taking further action" now "if it determines that greenhouse gases do not contribute to climate change" or provides a good explanation why it cannot or will not find out whether they do.

"Beyond the specific context for this case — so-called "tailpipe emissions" from cars and trucks, which account for about one-fourth of the country's total greenhouse gas emissions — the decision is likely highly to have a broader impact on the debate about government efforts to address global warming."

Climate experts around the country had been placed on hold to await the decision in this case. Among them is a challenge to the EPA's refusal to regulate carbon dioxide emissions from power plants, now pending in the federal appeals court here. Individual states, led by California, are also moving aggressively into what they have seen as a regulatory vacuum.

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Top Shiite Cleric Opposes U.S. Plan Concerning Baath Party

By Edward Wong

The White House has repeatedly told the Iraqi government that the process must be changed.
The latest proposal was announced by Prime Minister Nouri Kamal al-Maliki and President Jalal Talabani on March 25 at the strong urging of Ambassador Zalmay Khalilzad, the senior American envoy to Iraq, who left his job the same day. American officials oversaw the drafting of the proposal.

Sen. John McCain, an Arizona Republican and candidate for president who advocates a troop increase in Iraq, said in an upbeat news conference here on Sunday that the Iraqis had demonstrated political progress by committing to revising the de-Baathification law.

But an aide to al-Sistani said on Monday that there was a “general feeling of rejection” of the proposal.

Al-Sistani, who lives in the holy city of Najaf, generally does not issue proclamations himself, preferring to make his effects known through his aides or other Iraqi officials. His word is considered sacrosanct not only among Shiae in Iraq but also among those throughout the world, so his rejection of the draft law means it has virtually no chance of passage.

The Bush administration urged the Iraqi government to follow through with the revision of the law. A senior official said on Monday that he hoped al-Maliki would work with al-Sistani to figure out a way to differentiate between Saddam loyalists and lower-level Baath Party functionaries.

“Among the political benchmarks which the Iraqis themselves have set, this is among the most difficult,” the official said.

News of the rejection drew harsh criticism from Sunni Arab leaders on Monday.

South Korea, U.S. Agree on World’s Largest Bilateral Free Trade Deal

By Choe Sang-hun

U.S. and South Korean negotiators struck the world’s largest bilateral free trade agreement on Monday, giving the United States a badly needed lift to its trade policy at home and South Korea a chance to revitalize its export economy.

Negotiators announced the agreement, the culmination of a 10-month effort.

“This is a strong deal for American farmers and ranchers, who will gain substantial new access to Korea’s large and prosperous market of 48 million people,” Karan K. Bhatia, the deputy U.S. trade representative, said in Seoul on Monday.

Neither side obtained every-thing it sought,” he added.

If ratified, the trade deal would eliminate tariffs on more than 90 per cent of the product categories traded between the two countries. South Korea agreed to lift trade barriers to important American products like frozen beef, while the United States agreed to allow Seoul to continue to subsidize South Korean rice.

The agreement is a significant victory for the Bush administration, which needed a prominent deal with clear benefits for American producers to shore up support for bilateral trade pacts as an alternative to stalled multilateral negotiations under the World Trade Organization.

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From the Editor

After receiving comments from some readers, we would like to clarify the role of The Tech's opinion section, which includes letters, opinion columns, and editorials.

Letters are usually written by readers in reaction to content that was published, while columns are authored by staff or guest writers on any topic. Editorials are written by our editorial board, members of which are listed in the “Opinion Policy” box at the bottom of this page. Editorials are an important opportunity for the student newspaper to voice its opinion and add to the campus-wide discussion on student government elections and all other important issues.

As a whole, the opinion section does not influence our news content. News articles should be fair to all sides and serve to inform, but opinion columns and editorials, which serve to facilitate debate, can (and should) take a side.

Marie Y. Thihaub
Editor in Chief

Opinion Policy

Editorials are the official opinion of The Tech. They are written by the editorial board, which consists of Chairman Michael McGraw-Herdeg, Editor in Chief Marie Y. Thihaub, Managing Editor Austin Chu, Executive Editor Rosa Cao, and Opinion Editors Barun Singh and Aditya Kohli.

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.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to news@the-tech.mit.edu and it will be directed to the appropriate person. You can reach the editor in chief by e-mailing eic@the-tech.mit.edu. Please send press releases, requests for coverage, and information about errors that call for correction to news@the-tech.mit.edu. Letters to the editor should be sent to letters@the-tech.mit.edu.

The Tech reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become the property of The Tech, and will not be returned.

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.

S
arting this week, third year MIT gradudate student Daniel G. Pressl G will be presenting some of his impressive high-speed photography work at an exhibition in Austria entitled “2fa$i4U.” Pressl has set up booths in the Infinite Corridor and Stata Center that will allow MIT students to interact with people at the Austrian exhibition. I was able to sit down with Pressl, and he told me about his project and how people in the MIT community can get involved.

The Tech: What is your project about? Daniel Pressl G: I am the organizer for a photography exhibition in Austria. This exhibition in Austria is a collaboration between MIT, the Edgerton Center at MIT, the Edgerton Explorit Center in Austria, the Bob Edgerton, the son of Harold “Doc” Edgerton, a photographer called Martin Waugh … and two schools in Austria. I am originally from Austria, and the exhibition was taking place in Austria. MIT being a big part of the exhibition, what I’m doing right here in the Infinite hallway is an ability for MIT students to interact and communicate with visitors at the exhibition through this booth here. So people at the exhibition will be seeing students in the Infinite hallway or at the Stata Center where another booth will be built, and they’ll be able to talk to them and they can tell MIT students how the exhibition is. The MIT students can talk to Austria, tell them things about MIT and what they know about high-speed photography and that it was invented here. Basically pioneered here.

The Tech: Where will the exhibition be opening in Austria? Daniel Pressl G: In my hometown of Wolfsberg, a town in Austria in the region Carinthia.

The Tech: Is the exhibition taking place in a school? Daniel Pressl G: It’s a large exhibition hall that was built a couple of years ago. It’s a very modern thing with large halls. We will also have prints from Harold Edgerton himself, originals, that are shipping right now from America to Austria. All together there will be between 70 and 100 prints at the exhibition, probably one of the largest exhibitions of high-speed photography. How long will the event be open in Austria and available to MIT students? Daniel Pressl G: It will be open in Austria for three weeks starting next week on April …

The booth will start on the second of April and will be open until the 19th of April, that’s when the exhibition ends in Austria.

The Tech: Explain more about what exactly the booth will be for MIT students. Daniel Pressl G: MIT students can walk by, stop here, look at art to be shown at the exhibition in Austria, but also be able to partially be at the exhibition. They’ll be able to talk to MIT students, they’ll be able to take pictures of themselves, download them later. People at the exhibition can take pictures, MIT will be able to download those as well … You’ll also be able to talk to them.

The Tech: When did you begin this project? Daniel Pressl G: I started thinking about this in Fall of 2006. I had the name of the idea in my head and it just kept growing. And grew it did. 2fa$i4u is a collaboration between the Edgerton Center at MIT (http://web.mit.edu/Edgerton), Daniel G. Pressl G, Alec M. Resnick ’09, Omar S. Stephens ’08 (also a photographer for The Tech), Mohamed A. Haji ’06, Nicolas LaCasse, students from two schools in Austria (Stiftsgymnasium St. Paul and the HTL Wolfsberg), the Edgerton Explorit Center in Aurora, Neb. (www.edgerton.org), Bob Edgerton, the son of Harold Edgerton, Martin Waugh (www.liquidsculpture.com), Loren Winters (www.hiviz.com), and many more.

Not ULYSSES Grant

Not Hugh Grant

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Contact: Susan Cohen at cohen@media.mit.edu

Application: http://web.mit.edu/arts/do/funding/grantguide.html

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Run Bug by Roberto Perez-Franco

Now you're a PhD student, and grades shouldn't worry you.

Oh, that's not good. One "B" every now and then isn't too bad, though...

Yeah. But as I said, don't worry about the grades. Focus on the research.

So basically, I should get "A"s.

I'm so screwed!

Piled Higher and Deeper

WELL, IT WAS INTERESTING TALKING WITH YOU, YOU'RE IN THE ECON DEPARTMENT?

Yeah...

MY RESEARCH IS ON GLOBALIZATION AND HOW IT'S AN AWESOME THING FOR COMMERCE AND CORPORATE EXPANSION.

Well, see you never.

Enjoy your granola.

Piled Higher and Deeper

AUTHOR BIOGRAPHIES:

Author 1 is the Author C. and Caroline L. MacIntosh Distinguished Chair Professor and the Department Chair of Computer Science at the University of Southern California. He is the author of several books on computer science and is a member of the Association for Computing Machinery. He has received numerous awards for his contributions to the field of computer science.

Author 2 is a graduate student at the University of Southern California.

Piled Higher and Deeper

DADDY, WHY ARE STARS SHAPED LIKE CUSTARDS?

Umm...

THAT'S A VERY INTERESTING QUESTION, SADIE. FUNCTIONAL ADAPTABILITY AND ANATOMICAL DETERMINATION IN BIOLOGICAL SYSTEMS IS A FASCINATING ISSUE THAT CERTAINLY WARRANTS FURTHER INVESTIGATION.

Does that mean you don't know?

It's beyond the scope of my research.
Crossword Puzzle

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

Solution on page 19.

Solution, tips, and computer program at http://www.sudoku.com

© Puzzles by Pappocom

ACROSS
1 _-Saxon
6 Brewery supply
10 City near Phoenix
14 Matthau’s love in “Grumpier Old Men”
15 Eye part
16 Event for all comers
17 Pour it on
20 “__ Pinafore”
21 Bird crop
22 All-seeing one
23 Headache remedy
25 Persian word?
26 Annoy
28 Cut corners
32 James of “Boston Legal”
35 Musician’s asset
37 Olds creation
38 Pour it on
42 Brynner of “Westworld”
43 in addition
44 Full of spirit
45 Sad piece
48 Overthrows
50 Chimed
52 Now hold on!

56 Exotic
59 Shuttle grp.
60 Cover
61 Pour it on
64 School on the Thames
65 Eat fancy
66 Irregularly worn
67 Studio structures
68 Words from a pro?
69 Was deserving

DOWN
1 Omega’s opposite
2 Averages
3 Comprehend
4 Kauai souvenir
5 In camera range
6 “Teenage Ninja Turtles”
7 Declare openly
8 Consent to
9 Western resort lake
10 Schenectady’s river
11 Larger-than-life
12 Move
13 Pony up
18 Neighbor of Djibouti
19 Aphrodite’s child
24 Of India: pref.
25 Small-minded
27 West Yorkshire city
29 Spring bloom
30 Hook up
31 Floral arrangement
32 Eyelid woe
33 The Beatles bassist
34 Rod in a rod
36 Invigorate
39 Comfy
40 Habitual criminal
41 Dorothy or Lillian
46 Cereals
47 Sudden pull
49 Applications
51 Impoverished
52 “The Naming of Cats” poet
53 Shampooing step
55 Sidled
56 Becomes mellower
57 Mechanical learning
58 Cosgulates
59 1492 caravel
62 Fabrication
63 FDR’s Blue Eagle

Solution, page 16
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M.I.T. UNDERGRADUATE AND GRADUATE STUDENTS:
Alexander St. Claire 2008
Rebecca Oman 2008
Karlen Ruleman 2008
Kevin Castelo MIT Sloan 2008

HARVARD UNDERGRADUATE STUDENTS:
Jenny Tu 2008
Ronald Angua 2008
Panprud Ang 2009

HARVARD GRADUATE STUDENTS:
Lulu Wang GSAS 2011
Jodi Beggs HBS 2008
Dan Bichner HLS 2008
Marcos Kassik HSPH 2008

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Tech reporters hunt down news; photographers get exclusive shots; arts reviewers attend exclusive contents and interview stars; opinion writers rouse campus support (or ire) on important topics; our business department sells advertisements from all over the nation; and production staff see the entire issue—even the parts that don’t make it to press—long before we print.

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Spring Break in Ecuador

Barun Singh

Spring Break at MIT

Arthur Petron

Tech Staffers’ Spring Break

The Tech
April 3, 2007
Tech Staffers’ Spring Break

Barun Singh
While many students batted long lines at airport security checkpoints en route to spring break vacation destinations, I was strapped in and cleared for takeoff in the cockpit of a single-engine Warrior III airplane at Hanscom Field in Bedford, Mass. A complete novice in the area of aeronautics, I maneuvered the aircraft into position on the tarmac, my palms more than a little sweaty.

My flight instructor, Maurice Morneau of the East Coast Aero Club, checked the bevy of dials, knobs, and switches on the instrument panel with a trained eye as air traffic control gave our craft the green light for takeoff. Nudging the throttle, the propeller sprang to life and the craft sped down the airstrip. I couldn’t suppress a wide smile as the ground fell away and the plane crept into the sky.

The East Coast Aero Club is one of over 3,500 flight schools listed through Project Pilot, a directory from the Aircraft Owners and Pilots Association that links interested flyers with flight schools around the country. The site boasts accessible, affordable flying opportunities with an FAA-certified flight instructor where you control the aircraft from takeoff to landing. Having never set foot in the cockpit of a small aircraft, I was shocked and surprised by the amount of control given to the trainee during the time spent in the air. Although my instructor was ready to take control in the event of the unexpected, I was encouraged to execute many of the maneuvers during the time spent in the air.

“If you can handle Hanscom Field, you can handle any field in the country,” said Morneau, who fell in love with flying while serving with the U.S. Army in Germany. “It gets as busy as Logan [Airport].” Now retired, Morneau takes to the skies in one of ECAC’s 32 aircraft to accompany would-be pilots and enthusiasts during the 40 hours of required flight training to obtain a pilot’s license.

After takeoff, we spent a few minutes getting oriented within the aircraft. Confronted with the sheer complexity and number of dials within the plane, there’s an intense urge to keep your eyes locked on the instrument panel rather than watch where the plane is heading. Morneau reminded me time and again to keep my eyes on the horizon to fight any feelings of vertigo.

In the little under an hour spent in the air, we experimented with altitude, discussed airspace restrictions, and completed a more daring 55 degree turn. With the clear weather, the ocean was visible against the horizon as we navigated back to Hanscom Field. The runway in view, my thoughts drifted to numerous failed attempts as a child to land properly in Nintendo’s Top Gun. Again given the green light by ATC, Morneau and I brought the aircraft to a surprisingly smooth stop on solid ground. Adrenaline pumping, I exited the aircraft with my limbs — and lunch — intact.

Back at the terminal, Mark Holzwarth, owner and president of ECAC, explained the flight training process. “With two, three-hour chunks [of flying time] a week, you can have your license in three to four months.” Licenses are valid for life with biennial flight reviews. Prices start at $85 an hour for aircraft rental, and ECAC lists instruction rates starting at $25 an hour for a helicopter and $45 an hour for an airplane.

More information on Project Pilot and the East Coast Aero Club can be found at projectpilot.org and eastcoastaeroclub.com.
Rogers, Ryder to Leave in June

Students to Be Involved in Selecting a Replacement for the Deans

Deans, from Page 1

President Andrew T. Lukmann ’07 said: “It’s not that much of a surprise that students aren’t consulted in personnel decisions.”

Lukmann said that Benedict promised him that students would be part of the search process for a replacement Deans.

Rogers oversees the entire FSILG system, about 1,500 students, and works on leadership development, chapter advising, and reaching the goals of the chapters and offices.

Ryder’s job description includes providing leadership to the Residential Life Associates program, the Deans on Call program, dormitory programming, and working with the SLOPE Orientation planning committee. He also supports the Graduates in Residence Tutor program by helping train new GRTs. Ryder said that he feels he has made a strong impact on the training program by making it more systemized and productive.

Lukmann said that while he served as the president of Simmons Hall and as Dormitory Council secretary, he worked with Ryder on a few projects. Ryder was “always quite helpful ... always seen as a pretty strong ally of dormitory students,” Lukmann said.

Rogers said that during his time here, he started sending students to the Undergraduate InterFraternity Institute, a leadership institute. Last year, he helped bring UIFI to campus, where it was called IMPACT. This helped increase the amount of conversation students have about what it means to be in a fraternity or sorority, he said.

Before he leaves MIT, Rogers said that he will continue to connect with individuals from the FSILGs, and work on some of the impact of 5, which are five areas of interest developed by the PGC and the Panheleneic Association during IMPACT.

Interfraternity Council President Daniel S. Eads ’08 said that the IMPACT 5 addresses Greek unity, living your ritual, public image, risk management, and member apathy.

As for long-term plans, Rogers said that eight to 10 FSILGs may move to Cambridge from Boston over the next five years, though more must be decided. There are few available positions similar to the one he has held here, and he said that he has been involved in Greek life for a long time, though he plans to continue volunteering as a ritual steward for MIT’s Sigma Phi Epsilon fraternity.

For more information on the search process for a replacement Deans, see Page 1.

The following incidents were reported to the MIT Police between March 8, 2007 and March 26, 2007. This summary does not include incidents such as false alarms, general service calls, lacrimators, or medical shuttles.

Mar. 8: W20 (84 Mass. Ave.), 1:51 a.m., Domestic harassment.

Mar. 9: E53 (30 Wadsworth St.), Suspicious person issued trespass warning.

Mar. 12: W11 (40 Mass. Ave.), 7:33 a.m., Reports of a suspicious person sleeping in the Muslim Prayer Room; Gabbas, Fouad, 444 Harrison Ave., Boston, Mass., taken into custody on two outstanding default warrants.

Mar. 15: M52 (21 Ames St.), 1:51 a.m., Domestic harassment.


Mar. 21: NW86 (70 Pacific St.), 7:15 p.m., Party reports she is being harassed by individual.

Mar. 21: E55 (66 Wadsworth St.), 3:03 p.m., MIT Police respond to Eastgate apartment; suspicious activity, found door ajar.

Mar. 22: E53 (30 Wadsworth St.), 10:29 a.m., Reporting person was going through basement area and found a room which has chemicals marked “do not touch,” it appears someone has a lab set-up; Environmental Health & Safety notified; sending someone right over to evaluate. Cambridge Fire dispatched to scene of E2 (70 Amherst St.) to M62 (21 Ames St.).

Mar. 24: W11 (40 Mass. Ave.), 7:33 a.m., Reports of a suspicious person sleeping in the Muslim Prayer Room; Gabbas, Fouad, 444 Harrison Ave., Boston, Mass., taken into custody on two outstanding default warrants.


Mar. 27: M52 (21 Ames St.), 8, 48 p.m., Reporting person reports watch stolen from his room.

Mar. 8: M5 (13 Mass. Ave.), 8:35 a.m., Kidnapped.

Mar. 10: NW21 (190 Albany St.), 4:10 p.m., MIT Police observed suspicious activity in rear of NW21; Dennis Burke, homeless, Cambridge, Mass.; arrested for outstanding warrant and possession of Class “B” substance.

Mar. 11: NW1 (40 Mass. Ave.), 7:33 a.m., Reports of a suspicious person sleeping in the Muslim Prayer Room; Gabbas, Fouad, 444 Harrison Ave., Boston, Mass.; arrested for possession of Class “B” substance.

Mar. 13: W10 (224 Albany Rd.), 1:45 a.m., Report of a homeless person needing assistance; state he was assaulted. Cambridge Police responded.

Mar. 12: M10 (122 Memorial Dr.), 3:04 a.m., Trepass warning issued for suspicious female in lounge area Bidg. 10.

Mar. 13: PDT (97 Bay State Rd.), 2:16 a.m., Victim reports a breaking and entering; suspect fled in a motor vehicle; James P. Williams, 49A Saint James St., Boston, Mass., arrested by Boston Police for breaking and entering; suspect fled in a motor vehicle.
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For a complete job description, please stop by 3-108.

Cover letter and resume should be dropped off by **April 21** to: MIT Admissions, 3-108, Attn: Edmund Jones

---

**Computer Athlete Boot Camp**

**Thursday, April 5**

5–6:30 p.m.

**E25-101**

(atrium near Kendall Square)

**Speakers**

Dr. David Diamond
Chief of Medicine, MIT Medical

Zan Barry
Center for Health Promotion & Wellness, MIT Medical

Zahra Khan
G, Course 16

Are you computing six, eight, ten, twelve hours a day—or more? If so, you’re a computer athlete, and this boot camp is for you!

Computer Athlete Boot Camp will help you maximize your productivity and give you tips on avoiding or minimizing repetitive strain injury (RSI).

If you’re experiencing discomfort in your hands, wrists, arms, shoulders, or neck, if you are concerned that your discomfort is increasing, or if you would like to prevent repetitive strain and discomfort, join us for this information session!

For more information, contact Zahra Khan at (617) 910-7665.

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**Contra, Israeli, and International Folk Dancing for PE credit**

**Live folk music at contra dances!**

Attend 6 dances, 8:00 – 9:30 pm:

- **Tuesday May 15**  Contra Dance in W20-491
- **Sunday May 6**  Int’l Folk Dance in W20-407
- **Tuesday May 11**  Israeli Dance in W20-407
- **Tuesday May 15**  Contra Dance in W20-491
- **Sunday May 6**  Int’l Folk Dance in W20-407
- **Tuesday May 15**  Contra Dance in W20-491

No partner or experience necessary.

All are welcome, whether taking the class or not.

**FREE for MIT students.**

Register in the PE lottery, or at the dance.

MIT Folk Dance Club  [http://mit.edu/fdc](http://mit.edu/fdc)
More Than 120 MIT Students Competed

Putnam, from Page 1

petition in a way that we never have before," Rogers said. A total of 129 MIT students took the test this year. For a full list of MIT students in the top 78, see below.

"We had substantially more [students] than any other university," Rogers said. Harvard had the second highest participation. Of the top 200 scorers, according to Rogers, 49 were from MIT and 28 from Harvard.

The MIT Mathematics Department will be rewarded $15,000 for the third place win and each team member will receive $500.

According to Stanley, he and Rogers teach a fall class for freshmen called the Problem Solving Seminar (18.S34), which helps stir interest in the Putnam and in problem solving.

The six hour, 12 problem exam takes place on the first Saturday of each December and is open to any full-time undergraduate student in the United States and Canada. This year, 1,680 students from 508 colleges and universities participated, according to Rogers. There were a total of 402 teams.

The median score for this year’s competitors was zero out of a possible 120 points. The top five scores ranged from 92–101, and the top 78 scores ranged from 53–101. MIT’s median was around 20 points out of the possible 120, according to Rogers.

MIT’s team placed fourth last year and first in 2003 and 2004. For problems, solutions, a list of winners, and score distributions from this and previous years’ competitions, see http://www.unl.edu/amc/a-activities/a7-problems/putnimindex.shtml.

67th Putnam Competition Results

MIT Team Members:
Oleg I. Golberg ’08
Daniel M. Kane ’07
Kuiat T. Yezenov ’08

Putnam Fellows (five highest ranking individuals, each receives $2,500):
Hansheng Diao ’10
John T. Yin ’09
Alfred R. N. Ng ’09
Anand B. Rajagopalan ’09
Shubhangi Saraf ’07

Next 11 (each receives $500):
Shinn-Yih Huang ’10
Matthew M. Ince ’08
Thomas J. Mildorf ’09
Xuancheng Shao ’10

Putnam Fellows (five highest ranking individuals, each winner receives $1,000):
Oleg I. Golberg ’08
Daniel M. Kane ’07
Kuiat T. Yezenov ’08
Anders H. Kaarseg ’08
Songyoon Kim ’09

Next 18 Highest Ranking Individuals (each winner receives $500):
Timothy G. Abbott ’07
Anders H. Kaarseg ’08
Hansheng Diao ’10
Kevin P. Modzelewski ’10
Eric C. Price ’09

Next 52 (Honorable Mention):
Oleg Golberg ’08
John T. Yin ’09
Maria Monks ’10
Albert R. N. Ng ’09
Anand B. Rajagopalan ’09
Shubhangi Saraf ’07
Nikhil A. Savale ’07
Charmaine J. Sia ’10
Dimitar N. Simeonov ’10
Jason A. Trigg ’10
Ilya T. Tsekov ’08
Kuiat T. Yezenov ’08
You Zhou ’07

Free tickets for MIT students!

Tod Machover & the Ying Quartet: ...but not simpler...
Friday, April 6, 2007 at 8pm
ICA Theater
Institute of Contemporary Art, 100 Northern Avenue, Boston
High-tech music guru Tod Machover creates a one-of-a-kind musical journey for the Grammy-winning Ying Quartet—including siblings Timothy and Janet on violin, Phillip on viola, and David on cello—weaving together music by Beethoven, Bach, Carter, Cage, Byrd, and The Beatles with his own original work. “The perfect program for the age of the iPod shuffle...A fantastic (and entirely musical) notion.” (The New York Times)

Bebé Miller Company: Landing/Place
Friday, April 13 at 7:30pm
ICA Theater
Institute of Contemporary Art, 100 Northern Avenue, Boston
Award-winning choreographer Bebe Miller and her talented collaborators have created Landing/Place, a new multimedia dance work that studies place and human connection within a global landscape. Miller’s hallmark choreography—rich, luscious, sensuous—is seen through a layering of projected images that evoke past and present time. Digitalized motion-capture, live music, video projection and exquisite dancing explore sensory, spatial and cultural dislocation. Postperformance Q&A Friday, April 13

Tickets available at the MIT Office of the Arts (£15-205)
Monday - Friday, 10am - 4pm in person, first-come, first-served only.

1 tickets per MIT student ID
http://web.mit.edu/arts/see/freetickets/index.html
The report basically verifies every allegation I have made, but manages to conclude it was not scientific misconduct. I find that very hard to understand.

— Professor Theodore A. Postol '67

The delay generally stemmed from a lack of agreement between the Mis-
sile Defense Agency (part of the DoD) and MIT regarding the handling and disclosure of sensitive infor-
mation. According to the version of the report released on March 29, the DoD followed to its own procedures, and MIT reviewed over 100 documents.

Study limited sensor information

Godfrey investigated the six issues identified in the 2002 MIT report, which included concerns about the omission of critical information, allegations that data used in the missile defense system, as well as allegations that data and simulation analyses were not properly analyzed. For example, the DoD report concluded that “Mrs. Schwartz’s allegations were unsubstantiated.”

Recommendations for MIT

Godfrey specifically criticized MIT for not conducting an ade-
quate inquiry of the allegations. The report states that MIT’s investigation, which was “clearly written allegations,” was “very hard to understand.”

“The investigator has done a great job ... trying to get the truth. It is certainly a relief for me. It has been a long time.”

— Lincoln Laboratory Scientific Officer M. Chester Tsai

The DoD report recommended that MIT adopt certain policies and procedures in order to prevent future misconduct.

Document and MIT actions

The report recommended that the DoD consider taking certain steps to protect the United States from a massive Soviet missile attack.

April 3, 2007

Vesna Schwarte, an engineer with the missile defense company Raytheon Co. (now known as Northrop Grumman Systems & Mission Corp.) accuses TR W of producing a missile defense analyzer and computer program that tells that the difference between flying through outer space and balloon decoys. She was TR W on behalf of the government of Switzerland in 2000, the case was dismissed on the grounds that it would hurt national security by revealing classified information. She has speculated.

The report criticized the MIT’s handling of the 2002 preliminary inquiry, which included concerns about the omission of critical information, allegations that data used in the missile defense system, as well as allegations that data and simulation analyses were not properly analyzed. For example, the DoD report concluded that “Mrs. Schwartz’s allegations were unsubstantiated.”

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OCW Gives Students Overseas Education Without MIT Degree

By Noam Cohen

Lucifer Chu, a 31-year-old from Taipei, Taiwan, is an good example as any of the shrinking distances between East and West.

Chu has become a millionaire by producing Chinese translations of fantasy novels. Using much of the $1 million in royalties from his versions of “The Lord of the Rings,” Chu says he recently adopted the English first name Lucifer as a teenager because of its poetic meaning in Latin, “light bearer.” Now, he travels Taiwan and China speaking on the opportunities from OpenCourseWare, using his royalty money to address an estimated total audience of 50,000, telling them to take advantage of “good people with the good will to share their knowledge.”

The MIT OpenCourseWare Web site demands a lot from its visitors. One must decide what subject to study from a vast array and then must show the determination of a true self-starter.

Chu is unabashed in his enthusiasm of his nonprofit project, with the sly name OOPS, for “OpenCourseWare Prototype System,” at www.ocw.mit.edu. And he was from Malaysia.

In fact, things have been moving swimmingly, administrators say. By the end of the year, the first phase should be over, according to Steve Caron, the project’s director of external relations, with nearly all 1,800 courses having some sort of representation online; the cost has been $30 million. Currently, there are more than 1,600 courses published and 2 million visits a month.

“It is so much bigger than we could have ever imagined,” said Shigeru Miyaoka, a professor of linguistics and Japanese, who was on the committee that originally proposed the plan. “The number of visits that we get is beyond belief. We really didn’t know who would be using it when we went into this at the very beginning.”

The president of MIT at the time, Charles M. Vest, anticipated as much, saying that “there will probably be a lot of uses that will really surprise us and that we can’t really predict.”

Chu’s efforts qualify as a pleasant surprise. His team, which includes four full-time editors and scores of volunteers, has completed translations of 178 courses, and more than 600 partial ones. Thirty-five are good enough that MIT links to them directly.

Chu personally worked on Inference, a translation project that he says he learned from Isaac Asimov’s “Foundation” science fiction series, a translation project that he has put in an indefinite hold. “Knowledge can solve any problems — people choose bad leaders mostly because they don’t have enough knowledge.”

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Daily Meditation

“Close your eyes to racial differences, and welcome all with the light of oneness.” —Baha’u’llah }

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Faculty/Student Dinner April 9, 7-9, 54-915

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Runnin’ Rebels Slay Goliath Badgers

No. 2 Seed Falls, Destroying Brackets and Delighting Underdogs Everywhere

NCAA Basketball, from Page 29

Feared a murderous expression, the Kentucky Wildcat displayed a look characteristic of a cartoon character. It may be the MIT student in me, but I immediately thought, “Oh my God, it’s Wildcats squaring up!”

In the next game, UK faced off against XU, or Kansas University. If the initial faces were not condescending enough, the teams also had contrasting uniforms. Kentucky sported blue uniforms with white accents, while Kansas wore white uniforms with blue details. Thank the Lord. Kansas’ Jayhawk mascot looked nothing like Kentucky’s Wildcat.

Missed opportunity

Free throws occasioned a response: an otherwise stellar player’s reputation — just ask our dear friend Shaq, who

Save your life. Unfortunately for guard Brennan Bechard, he doesn’t have the luxury of playing at least 30 minutes a night to make up for it.

Bechard missed two free throws as the second half of Kansas’ win over Niagara wound down. On the surface, it was no big deal — Kansas won by a lopsided score of 97-67. However, Bechard finished the game as the only Jayhawk who failed to net a single point. This is certainly a case in which humiliating Shaq leads to an unwelcoming distinction.

The MIT underdog effect

Face it, MIT is hardly advertised as a maximum athletics superpower. Prospective freshmen hear about our superior academic programs, unparalleled research opportunities, and quirky campus culture. There is no mention of basketball games with thousands of face-painted fans or Facebook groups devoted to the next NBA draft pick.

Watching the Chicago games was like a “Who’s Who” in basketball history — Kansas, UK; even Wisconsin and Villanova — and I felt compelled to root for the long shots. I’ll call this the “MIT Underdog Effect” and chalk it up to attending a Division III college.

Texas A&M-Corpus Christi banty had a team a few years ago, and this was its first appearance in an NCAA tournament. Also, the Islanders had a particularly amusing mascot: Izzy the Islander. I identified with the least-intimidating halo skirt because of our dear mascot Tim, who doesn’t quite strike fear into the hearts of our opponents with swishes of his tail.

When the Islanders shut to a 19-0 lead over Wisconsin, the crowd laughed: A little 15-seed could play! When the lead grew to 25-7, however, the Wisconsin fans grew edgy, booing the refs when they called fouls on the Islanders.

Smart strategy

Unfortunately, the clock struck 0 lead over Wisconsin, the crowd laughed. The Badgers once again forgot that there are actually two 20-minute halves in a basketball game, leading to an 11-point deficit at halftime. After the break, Kenneth Taylor was instrumental in helping the second seed get back in the game. In fact, my fellow sport editor and Badgers fan Travis L. Johnson ’08 called me on my cell phone to reinforce that point.

“How about that comeback?”

Sadly, it looked like the Rebels would go the way of the Islanders, as an alert Wisconsin team eventually took a five-point lead. I held onto the hope that, although it would destroy part of my bracket, the Rebels would stage a comeback in response.

At this point, Krueger threw on his cape, talving three free throws and converting three free throws after being fouled on another three-pointer. USES led a 70-67 lead after Taylor sank a trey of his own to cut the deficit to three, but the damage had already been done.

A few seconds later, the highly-touted Badgers had been unceremoniously bounced from the tournament, causing the pro-Wisconsin crowd to boo in disgust. As for me, I whipped out my phone to call Travis, basking in the reflected glow of the MIT Underdog Effect.

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Red Sox Nation Rejoices as Season Begins

By Kristina M. Holton

Red Sox fans were in a jubilant mood as the season began. The team, which had been off since October 2006, returned to the field for the first time in 2007.

The Red Sox lost their season opener to the Royals, 7-1, last night. Fortunately, the Red Sox rebounded to win their next game, 9-4, against the Rangers.

The Red Sox have high hopes for the upcoming season. They have a strong lineup and a solid pitching staff. The team is expected to contend for the American League East.

The season has started, answers are coming, and Boston is smiling.
Zimmerman Earns All-Around Title at NCGA Championships

By Jeff Lemieux

Julia C. Zimmerman ’09 became just the second women’s gymnast in MIT history to win the National Collegiate Gymnastics Association (NCGA) All-Around title on Friday, March 24 when she earned first-place in the competition with a score of 38.175.

Teammate Sophia L. Harrison ’08 earned 36.950 points and finished tied for 11th, just one spot out of All-America status.

Zimmerman beat out a trio of University of Wisconsin-Oshkosh gymnasts for the top spot, as Teresa Phipps (38.050), Danielle Crinzi (37.925), and Meghan Hargens (37.625) finished 2-3-4, respectively.

Defending national champion Sarah Bulka, of SUNY-Brockport, finished fifth with a point-total of 37.450.

The only other MIT women’s gymnast to ever claim the NCGA All-Around title was Sheila Rocchio ’97, who earned the prestigious honor back in 1995.

UW-Oshkosh won the team competition, thanks in large part to the stellar contributions of its all-around performers. The Titans’ 185.575 points edged out Ursinus College, which collected 185.475, by just one tenth of a point. UW-La Crosse (183.350) rounded out the top three.

Zimmerman’s fantastic evening was highlighted by individual wins on the beam (9.600) and floor exercise (9.775), in which she tied for first. The Chicago, Ill., native also tied for third place on the vault (9.650) and 25th on the uneven bars (9.150).

Harrison had her best showing on the vault, in which she tied for 11th with a score of 9.550. She also placed 15th on the uneven bars (9.350), tied for 17th on the floor exercise (9.450), and tied for 33rd on the beam (8.600).

With her brilliant performance, Zimmerman qualified for the individual finals on the beam, floor, and vault exercise. She finished first on the beam, third on the floor, and 14th on the vault.

Sarah N. Trowbridge ’08 also competed in the individual events, placing 51st on the beam with an 8.100.

NCAA Regionals Provide Drama, Entertainment Behind the Scenes

By Caroline Huang

The NCAA basketball championships involve more than Florida’s quest for a repeat title or Ohio State’s 19-year-old center, Greg Oden, who looks old enough to run for president.

When I attended the Chicago regional, courtesy of The Tech, I witnessed several compelling storylines that were only mentioned as asides in the ESPN and Associated Press recaps. Some of these experiences were just amusing, while others were unexpectedly touching.

A surprising show of sportsmanship

Sportsmanship is usually a lost art in today’s era of million-dollar coaches, overenthusiastic boosters, and obnoxious fans. When the University of Kentucky accidentally selected Dwight Perry to start in Kentucky’s opening-round game against Villanova, his coaches had the chance to make a last-minute switch in the lineup.

However, the Kentucky staff allowed the largely ignored walk-on senior to start the game, with instructions to immediately foul so the team would not waste a timeout. Perry’s teammates, including expected starter and cousin Bobby Perry, were thrilled at Dwight’s opportunity to get a taste of the spotlight.

Wildcats squared

In addition to sportsmanship, Kentucky suffered from an identity crisis in both of its regional games. In the Villanova matchup, the teams had nearly identical mascots. After close examination, the Villanova Wildcat took the court.

Wildcats squared again

For more information: www.csail.mit.edu or email: summerurop2007@csail.mit.edu