Report Explains U.S. Intelligence Failures

Vest Served on Intelligence Commission

By Kelley Rivolta

The commission on the Intelligence Capabilities of the United States Regarding Weapons of Mass Destruction, charged with analyzing U.S. intelligence failures and suggesting improvements, released a report to President George W. Bush yesterday.

The commissioners attribute failures in intelligence to a lack of good data and proper analysis of data, as well as a lack of collaboration between different intelligence agencies. They suggest a large number of recommendations to improve intelligence, "all but a handful of which we believe can be implemented without statutory change," according to the report.

Former MIT President Charles M. Vest was one of eight commissioners and two co-chairmen serving on the commission. Other commissioners included Yale President Richard C. Levin and Senator John McCain.

"The report was unanimously agreed to by all commissioners. I am quite satisfied that my views, concerns, and inputs are appropriately reflected in our report," Vest wrote in a statement.

The Weather

Today: Rainy, cloudy. 46°F (8°C)

Tompkins Square Park

Tomorrow: Rainy, mid-40s F (5°C)

Details, Page 2

MIT's Oldest and Largest Newspaper

Volume 125, Number 16

Cambridge, Massachusetts 02139

Friday, April 1, 2005

Page 1

Varnished Elevator Breaks Burton Residents' TechCash

By Mary Y. Thibault

Residents of the Burton side of the Neill Burton student residence recently received monetary compensation at a rate of about $5.50 a day. Dean for Student Life Larry G. Benedict. Twenty-five dollars were added to the TechCash accounts of students living on the first through fourth floors, while students living on the fifth floor received thirty dollars.

"We believed that these residents would be at a disadvantage due to the elevator break," said Mark D. Egan '07, a Burton resident. In total, the elevator was broken for half the school year. The elevator was fixed just before spring break and has been working since, he said.

Egan, who lives on the fifth floor of Burton, sent a survey about the elevator problem to other Burton residents. He also talked with Karen A. Nilsson, associate dean and director of housing, about the chronically broken elevator.

Egan said that he never suggested the TechCash compensation, though "some dormmates really wanted some sort of a break."

Nilsson said that she and Benedict came up with the idea of monetary compensation. She said that it was a "small token" to let the students know that they regretted the inconvenience.

Action was taken in this specific situation due to the length of time that Burton residents were inconvenienced, Benedict said. Nilsson said that there had been more than 100 students in the dorm before Egan spoke with her. She had been working with the facilities department and the elevator company, because "the repairs took too long."

Nilsson said that she had spoken to the elevator company about improving its service. The company is still under contract for quite a while, said Nilsson, and no decisions have been made about contract renewal.

By Christine Nee

The Varsity Pistol team earned its first national championship since 1974, outstripping top teams including the United States Naval, Military, and Coast Guard Academies, and Ohio State University. MIT won just four points over the Naval Academy, 6282–6278, which was seeking its fifth consecutive crown. This marked just the second time in 25 years that a civilian school has won the competition.

The team qualified for the National Rifle Association's Intercollegiate National Pistol Championships after ranking as one of the top 10 schools in men's events (free, standard, and open air pistol) and one of the top five in women's events (rifle and sport pistol) in the Intercollegiate Pistol Sections in February.

Members of MIT's national competition team included David R. Schannon G, Ladd M. Horvath '05, Walter C. Lin '06, Tiffany L. Seto '06, Diana Nee '07, Christine L. Nee '07, Burton Conner House resident, and coach Will Hart.

The team began with the free pistol championship. In this event, targets are placed 50 feet from the shooter, and 60 bullets are fired with a single-shot .22 caliber gun. MIT's team of Schannon, Horvath, Lin, and Lee won the event with a score of 2023, followed by the Naval Academy with a score of 2007.

The next event was women's pistol, a 40-shot match with a compressed air gun. MIT's team of Diana Nee '07 of the MIT Pistol Team aims her pistol at a target. MIT placed first in the Intercollegiate National Pistol Championships, winning the United States Naval Academy by four points.

Diana Nee '07 of the MIT Pistol Team aims her pistol at a target. MIT placed first in the Intercollegiate National Pistol Championships, winning the United States Naval Academy by four points.
Kazakh Oil Company Joins Development Alliance

By Christopher Paia
FEBRUARY 4, 2005

Kazakhstan’s national oil company said on Thursday that it had joined an international bidding round held in the Caspian Sea by indirectly purchasing half of the BG Group’s stake in the project.

Terms of the deal were not disclosed. Jonathan Miller, head of communications for the BG Group, headquartered in Reading, England, said the company would sell its 16.67 percent stake in the Kashagan field for $1.8 billion to the other alliance members, which include Total of France, the Royal Dutch/Shell Group, ExxonMobil and ConocoPhillips of the United States, and the Agip unit of Eni of Italy, the operator.

The alliance agreed to sell half the stake to the national oil company, KazaMunGas. BG is fundamentally a gas company, and Kashagan is “a huge oil field” that does not fit the company’s long-term strategy, Miller said.

The North Caspian PSA (production sharing agreement) as the offshore project is officially called, is the biggest oil discovery in decades. It is predicted to become one of the world’s top half-dozen fields by 2015, the biggest outside the Middle East, and to produce more than a million barrels a day.

Bombs Kill 5 at Holy Time
For The Shites

By Robert F. Worth

Two suicide car bombers struck in central and northern Iraq on Thursday, killing at least five Iraqis and wounding more than two dozen while Shiites gathered around the country to celebrate a religious festival.

The attacks came as American military officials announced that three Americans had been killed in action on Wednesday and Thursday, bringing the total in March to 35. That was the lowest monthly death toll in more than a year, according to the Defense Department Web site.

Several countries announced plans to take troops out of Iraq. US military officials said that Thursday that his country would withdraw all of its 1,650 soldiers by the end of the year. In Bulgaria, which is facing summer elections, a spokesman said the government would request parliamentary approval to withdraw its 450 troops by year-end. Reuters reported.

Town Is Shaken as Inquiry
Of Shooting Points to A Plot

By Monika Davey

As federal agents tried to decide whether any more students that face criminal charges in an attack that left 10 people dead and covered the halls of Red Lake High School in blood and spent ammunition, people on this American Indian reservation on Wednesday wrestled with the chilling thought that a group of their own — may have plotted the violence, or at least known about it in advance.

Marian Yellow said she had planned to send her 16-year-old daughter, Alicia Lyons, back to school whenever it reopened. But even as she died, the shooting emoced and surround the final day's remaining, follow- ing a national debate over whether she should have been reconnected to a tube that provided her with nourishment and hydration.

The lawyer, David Gibbs, said Schiavo’s brother and woman were with Schiavo until just before she died. “While they are heartbroken, this is a sad day for the nation,” Gibbs said. “Their faith in God remains consistent and strong. They are absolutely convinced that God loves

Terri Schiavo, the severely brain damaged Florida woman who became the subject of an intense legal and political battle that drew responses from the White House in the halls of Congress to the Vatican, died Thursday, 13 days after her feeding tube was removed on the order of a state court judge. Schiavo, 41, died just before 10 a.m. Thursday in the Pinellas Park hospice where she had lived, off and on, for several years, her parents’ attorney said. But even as she died, the eating emotions and surround the final day's remaining, following a national debate over whether she should have been reconnected to a tube that provided her with nourishment and hydration.

The lawyer, David Gibbs, said Schiavo’s brother and sister were with Schiavo until just before she died. “While they are heartbroken, this is a sad day for the family,” Gibbs said. “Their faith in God remains consistent and strong. They are absolutely convinced that God loves

Terri more than they do. They believe that Terri is now ultimately at peace with God himself.”

“They intend to comfort them- selves with their faith and with their family at this time,” CNS reported that Schiavo’s husband, Michael, was with her when she died.

Her parents, Robert and Mary Schiavo, came to the hospice apartment after they learned of her death and prayed at her bedside, said Brother Paul O’Donnell, a Franciscan Friar who has served as a spokesman for the parents. They left shortly thereafter.

As word of her death spread through the crowd outside the hospice, some people sang hymns, others began praying.

Shortly after Schiavo died, her body was transported to the medical examiner’s office, where an autopsy will be performed, at her husband’s request.

Just before noon, President Bush said he was saddened to hear of Schiavo’s death. “I urge all those who honor Terri Schiavo to continue to work to build a culture of life, where all Ameri- cans are welcomed and valued and protected,” the president said.

The health of Pope John Paul II hit another serious complication on Thursday, when he developed a high fever because of a urinary tract infec- tion, the Vatican said.

In a terse statement of three sen- tences, his chief spokesman, Dr. Joaquín Navarro-Valls, said that the pope, 84, who has looked gaunt and weak as his health has sharply

for Mass on Easter Sunday. Even more worrying among the pilgrims and tourists was the fear that the pope could not be reached early on Friday morning.

“The last time he is known to have been administered the last rites was on May 13, 1981, after he was shot by a would-be assassin in St. Peter’s Square, almost three years after he was wounded in the assassination attempt,” the Vatican said.

Early Friday morning, the pitch of worry around the Vatican and among the pilgrims and tourists was especially high, after a Holy Week in which the pope made his last public appearance. Families on the Square were largely aware of the pope’s last rites were at the Vatican, and the pope could not be reached early on Friday morning.

The last time he is known to have been administered the last rites was on May 13, 1981, after he was shot by a would-be assassin in St. Peter’s Square, almost three years after he was wounded in the assassination attempt,” the Vatican said.

As word of her death spread through the crowd outside the hospice, some people sang hymns, others began praying.

Shortly after Schiavo died, her body was transported to the medical examiner’s office, where an autopsy will be performed, at her husband’s request.

Just before noon, President Bush said he was saddened to hear of Schiavo’s death. “I urge all those who honor Terri Schiavo to continue to work to build a culture of life, where all Ameri- cans are welcomed and valued and protected,” the president said.

The health of Pope John Paul II hit another serious complication on Thursday, when he developed a high fever because of a urinary tract infec- tion, the Vatican said.

In a terse statement of three sen- tences, his chief spokesman, Dr. Joaquín Navarro-Valls, said that the pope, 84, who has looked gaunt and weak as his health has sharply declined in recent weeks, was receiv- ing antibiotics to treat the infection.

“The clinical situation is being monitored closely by the Vatican med- ical team treating him,” the statement said.

With little information from the Vatican — and amid a flow of pil- grims to St. Peter’s Square as the news spread that the pope’s health may be failing — there seemed con- flicting signs of just how grave this latest complication was.

Quoting anonymous Vatican sources, ANSA, the Italian news agency, said that the pope was responding well to the antibiotics. Nicola Cerbino, a spokesman for the Gemelli clinic in Rome, where the pope is admitted, denied that the flu and serious problems breathing said there were no plans to readmit him “tonight — at least for the moment.”

Other Italian news agencies reported that the pope, who has suf- fered for years from Parkinson’s dis- ease, had been administered the Roman Catholic sacrament for the sick and dying, often known as last rites and formerly called Extreme Unction. There was no confirmation from the Vatican, and spokesmen for the pope could not be reached early on Friday morning.

The last time he is known to have been administered the last rites was on May 13, 1981, after he was shot by a would-be assassin in St. Peter’s Square, almost three years after he was wounded in the assassination attempt,” the Vatican said.

Early Friday morning, the pitch of worry around the Vatican and among the pilgrims and tourists was especially high, after a Holy Week in which the pope made his last public appearance. Families on the Square were largely aware of the pope’s last rites were at the Vatican, and the pope could not be reached early on Friday morning.

The last time he is known to have been administered the last rites was on May 13, 1981, after he was shot by a would-be assassin in St. Peter’s Square, almost three years after he was wounded in the assassination attempt,” the Vatican said.

As word of her death spread through the crowd outside the hospice, some people sang hymns, others began praying.

Shortly after Schiavo died, her body was transported to the medical examiner’s office, where an autopsy will be performed, at her husband’s request.

Just before noon, President Bush said he was saddened to hear of Schiavo’s death. “I urge all those who honor Terri Schiavo to continue to work to build a culture of life, where all Ameri- cans are welcomed and valued and protected,” the president said.
Chinese Petition to Deny Japan Place on U.N. Security Council

By Joseph Kahn

A grass-roots Chinese campaign to deny Japan a permanent seat on U.N. Security Council has gathered some 28 million signatures, according to organizers and analysts said Thursday.

The petition effort, conducted through popular Chinese Web sites, enjoyed broad support from a government, which has allowed state-controlled media to cover the campaign presentations.

Japan is expected to be among several nations granted permanent seats on a revamped Security Coun-

Legislation authorizing embryonic stem cell research passed in the Massachusetts House of Represen-

Mass. House Approves Embryonic Stem Cell Research in 117-37 Vote

By Pam Belluck

The petition effort, conducted through popular Chinese Web sites, enjoyed broad support from a government, which has allowed state-controlled media to cover the campaign presentations.

Japan is expected to be among several nations granted permanent seats on a revamped Security Coun-

Legislation authorizing embryonic stem cell research passed in the Massachusetts House of Represen-

- Cancer researchers have identified a combination of drugs that could fight some cancers by training the body’s protective immune system to keep the foreign tissue from being rejected. The new research, published Tuesday in the New England Journal of Medicine, adds to a growing body of evidence that some patients rejected organ transplants despite immunosuppressive medications. "This is uncharted ethical territory," said Fehrnstrom, who co-authored a controversial study last year that suggested research and created financial incentives for using human embryonic cells.

- Scientists at Harvard University said Wednesday that Romney's desk in a few days, the bill, which is expected to land on a final version of the bill. "This is uncharted ethical territory," said Fehrnstrom, who co-authored a controversial study last year that suggested research and created financial incentives for using human embryonic cells.

- Scientists at Harvard University said Wednesday that Romney's desk in a few days, the bill, which is expected to land on a final version of the bill. "This is uncharted ethical territory," said Fehrnstrom, who co-authored a controversial study last year that suggested research and created financial incentives for using human embryonic cells.

- Scientists at Harvard University said Wednesday that Romney's desk in a few days, the bill, which is expected to land on a final version of the bill. "This is uncharted ethical territory," said Fehrnstrom, who co-authored a controversial study last year that suggested research and created financial incentives for using human embryonic cells.

- Scientists at Harvard University said Wednesday that Romney's desk in a few days, the bill, which is expected to land on a final version of the bill. "This is uncharted ethical territory," said Fehrnstrom, who co-authored a controversial study last year that suggested research and created financial incentives for using human embryonic cells.

- Scientists at Harvard University said Wednesday that Romney's desk in a few days, the bill, which is expected to land on a final version of the bill. "This is uncharted ethical territory," said Fehrnstrom, who co-authored a controversial study last year that suggested research and created financial incentives for using human embryonic cells.

- Scientists at Harvard University said Wednesday that Romney's desk in a few days, the bill, which is expected to land on a final version of the bill. "This is uncharted ethical territory," said Fehrnstrom, who co-authored a controversial study last year that suggested research and created financial incentives for using human embryonic cells.
Erratum

An article in Tuesday’s issue on the Putnam Mathematical Competition misspelled the name of Vladimir V. Barzov ’06, who was one of the top five scorers.

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. The opinions are signed by individuals and represent the opinion of the author, not necessarily that of the newpaper. 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 397025, 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 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.

To Reach Us

The Tech’s telephone number is (617) 255-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. 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 can be found on the World Wide Web at http://the-tech.mit.edu.

Religious Insensitivity

It has come to my attention that I am not particularly welcome at two large student-run events held during the last semester of my senior year at MIT. Though the Spring Weekend concert has been held on Saturday nights in the past, it will take place on Friday, April 22 this year. The following weekend, the Senior Ball will be held on Saturday, April 30 — the eighth night of Passover — one of four evenings in the entire semester that observant Jews cannot ride in cars due to a holiday.

Though I would love to attend both of these events, I will have to sit them out due to conflicts with my religious observance. There are very few days in the calendar that MIT students of any religion are prevented from attending these events, and it would not have been difficult for the planning committees to find out which dates would cause these problems for religious students.

Please join me in calling on the planning committees of future events to be more considerate of all MIT students who choose to peacefully practice their religion during their college years.

Maya Gilbert-Schachter ’05

Letters to The Editor

“Oh, look ... they’re reading ‘1984’ in Ms. Smith’s English class.”

“So, who are you voting for in 2008 ... the wife of a former president or the brother of the current one?”

Chairman
Jina Kim ’06

Editor in Chief
Kathy Lin ’06

Business Manager
Lucy Li ’06

Managing Editor
Tiffany Dohmen ’06

Opinion Policy

Letters To The Editor

An article in Tuesday’s issue on the Putnam Mathematical Competition misspelled the name of Vladimir V. Barzov ’06, who was one of the top five scorers.

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. The opinions are written by individuals and represent the opinion of the author, not necessarily that of the newpaper. 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 397025, Cambridge, Mass. 02139-7029. 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 the 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.

To Reach Us

The Tech’s telephone number is (617) 255-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. 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 can be found on the World Wide Web at http://the-tech.mit.edu.
April 1, 2005

THE TECH

Page 5

Emory Stem Cells

Letter

Reviewer, Not Audience, Is Ignorant

Sek-Loong Tan

Racial equality in this nation is still a work in progress. Once a year, the media train of spotlight swings around, the President delivers a speech, and the nation takes a holiday to celebrate, commemorate, and reflect on the life of Martin Luther King Jr. But next day, the media shuffle is off, leaving behind a deafening silence. The public is uninterested — too busy to care, perhaps desensitized by the whole affair.

Since the civil rights movement in the 1960s, opportunities have been far more accessible for minorities. More so than ever, attempts to extend a welcoming hand have been a preoccupation of workplaces, educational institutions, and public services. It is confusing to observe the progress in this area. Today, we can see minorities represented at the highest levels in government, business, and education. The physical segregation of this country along racial barriers is almost gone. As a matter of fact, I feel that his characterization and labeling of the audience, which included myself, that night was completely rude and unfair. Furthermore, the claim that he made against the audience were entirely ludicrous.

First his basis for degrading us is that we waited too long to applaud after the first piece. This is unnecessarily picky in every way. I think that the audience deserves a cookie for realizing that you don’t applaud after each movement in a piece, but instead hold it until the end. Now, if you don’t know the music, it’s not always simple to tell the difference between a pause and the actual final note of a piece. Therefore, we were being respectful by holding our applause until we were absolutely certain that the song was over. This shows ignorance and disrespect? Perhaps some were even absorbing the piece, not being able to applaud until they completely took it in. Hwang makes it sound as if it makes more sense to blindly clap just because you’re supposed to do it, and not because you mean it. In my opinion, that’s ignorant.

His next stab at us is that we didn’t applaud enough after the final piece. Again, this is a completely ridiculous ground to call anyone ignorant on. Didn’t applaud enough? That exactly does that mean? It’s almost comical to read his writing as he says, “half of the audience gave a standing ovation.” “But the applause died down even before the conductor had the opportunity to make his trek to and from the podium the obligatory number of times,” which instantly makes us savage beasts. Could someone fill the world in on what the “obligatory number of times” is? Is it 57 or 275? It looks like it’s just some arbitrary number that I suppose every audience member should know, lest they are barbarians. How silly of us to forget! But seriously, applause should be given based on the audience’s perception of the music. Again, Hwang is more respectful than giving it just because you’re supposed to.” (And the last time I checked, a standing ovation was a big thing to receive on its own. How picky is it to place applause duration over that?)

I am further appalled by whom he decided to take this anger out on. When I entered Kresge, I expected the seats to be pretty filled. I was quite saddened by the very low number of MIT students, TSO(Technology and Science Orchestra) and the lack of friends. I had the opportunity to make his trek to and from the human research subject is a “person” protected by national or state laws. The ethical ideas expressed in the Declaration of Helsinki, a publication of the World Medical Association, most recently updated in 2004, which forms the basis for the Nuremberg Code of 1947 and the Declaration of Helsinki, allows, implicitly, the possible use of human embryos in research, provided the appropriate safeguards are in place. For example, the researcher is still required to “... provide the subject with appropriate information so that the subject can no longer develop normally, and death. But clearly, it is impossible to obtain consent from the human embryo to participate in research. Additionally, every experiment involving the use of human embryos must follow the Declaration of Helsinki's ethical principles for medical research involving human subjects for stem cell research. Two documents, the Declaration of Helsinki and the Nuremberg Code, provide the foundation for the ethical protection of human subjects in medical research. These documents indicate that the current methods used in human embryonic stem cell research are not only scientifically beneficial but also have basic ethical protections granted to all human research subjects, regardless of whether the human research subject is a "person" protected by national or state laws.

The ethical ideas expressed in the Declaration of Helsinki, a publication of the World Medical Association, most recently updated in 2004, which forms the basis for the Nuremberg Code of 1947 and the Declaration of Helsinki, allows, implicitly, the possible use of human embryos in research, provided the appropriate safeguards are in place. For example, the researcher is still required to “... provide the subject with appropriate information so that the subject can make an informed decision about whether to participate in the research — which does not currently happen. Furthermore, the Declaration of Helsinki states that “Medical research is only justified if there is a reasonable likelihood that the populations in which the research is carried out will benefit from the research.” All studies in human embryonic stem cell research are currently designed to be carried on the embryonic subset of the population for the benefit of human research subjects such as treating spinal cord injury, which is in direct violation of the Declaration of Helsinki.

As you can see from the information presented here, human embryonic stem cell research is an unethical use of human embryos for research purposes on several fronts. This is true regardless of whether the human embryos used for the research is donated by a legal guardian, obtained from fertility clinics where they were selected to be discarded, or created by the methods of therapeutic cloning or somatic cell nuclear transfer with the protection mandated by the Nuremberg Code and the Declaration of Helsinki.

As a graduate student in a biomedical research laboratory at MIT, I have received training and work with stem cell research and am quite familiar with the potential of stem cells. However, my training and work with stem cell research has led me to the conclusion that the use of human embryonic stem cells is ethically and scientifically unjustified. My research on the potential of non-embryonic cell lines is focused on developing these cell lines as a replacement for the embryonic stem cells. I hope that my views on this subject are shared by the research community as a whole.

Joe Kushner is a graduate student.

Mind-Merged Manacles

Akil Middleton '08

The ethical ideas expressed in the Declaration of Helsinki, a publication of the World Medical Association, most recently updated in 2004, which forms the basis for the Nuremberg Code of 1947 and the Declaration of Helsinki, allows, implicitly, the possible use of human embryos in research, provided the appropriate safeguards are in place. For example, the researcher is still required to “... provide the subject with appropriate information so that the subject can make an informed decision about whether to participate in the research — which does not currently happen. Furthermore, the Declaration of Helsinki states that “Medical research is only justified if there is a reasonable likelihood that the populations in which the research is carried out will benefit from the research.” All studies in human embryonic stem cell research are currently designed to be carried on the embryonic subset of the population for the benefit of human research subjects such as treating spinal cord injury, which is in direct violation of the Declaration of Helsinki.

As you can see from the information presented here, human embryonic stem cell research is an unethical use of human embryos for research purposes on several fronts. This is true regardless of whether the human embryos used for the research is donated by a legal guardian, obtained from fertility clinics where they were selected to be discarded, or created by the methods of therapeutic cloning or somatic cell nuclear transfer with the protection mandated by the Nuremberg Code and the Declaration of Helsinki.

As a graduate student in a biomedical research laboratory at MIT, I have received training and work with stem cell research and am quite familiar with the potential of stem cells. However, my training and work with stem cell research has led me to the conclusion that the use of human embryonic stem cells is ethically and scientifically unjustified. My research on the potential of non-embryonic cell lines is focused on developing these cell lines as a replacement for the embryonic stem cells. I hope that my views on this subject are shared by the research community as a whole.

Joe Kushner is a graduate student.
LAST DAY OF TICKETS TODAY!!

MIT Asian American Association presents

Grains of Rice

Sunday, April 3, 2005, 6 PM | Walker Memorial
Contact us at AAA-Cultural@mit.edu or visit our site at http://web.mit.edu/aaa/www/

Ticket sales in Lobby 10
$12 at booth | $15 at door
Group reservations (4+ people) $10

Sponsored By:

Department of Civil and Environmental Engineering
Department of Aeronautics and Astronautics
Department of Chemical Engineering
International Students Office
Department of Architecture
Department of Literature
The MIT Fund
Woody Allen Wears Both Masks of the Theater

By Kapil Amarnath

Directed and written by Woody Allen
Starring Radha Mitchell, Will Ferrell, Chloé Sevigny
Rated PG-13

Woody Allen’s movies generally involve drama with any comedic moments based on human imperfections. In “Melinda and Melinda,” Allen separates the two genres, resulting in a somewhat uneven film. Still, “Melinda and Melinda” is a stimulating trip to the movies amidst brain-dead early releases like “Curled.”

The film begins with two playwrights sitting over dinner. Both present the story of Melinda (Radha Mitchell), a woman who stumbles into a dinner party shortly after drowning herself in drugs. For the rest of the film, Melinda tries to straighten her life out by finding love.

One playwright presents it from a tragic point of view, in which Melinda’s past includes murder, and she’s a nervous, frazzled wreck who can’t get a job. She meets Ellis (Chloé Sevigny), a saw or composer, but the friend that she trusts, Laurel (Chloe Sevigny), also finds him attractive.

The other playwright presents the story as a bedroom farce. Melinda’s past involves a simple disagreement with her husband. She’s sly and composed, and she’s able to get a job with her art degree from Brandeis. She’s pursued by the goofy, jobless Hobie (Will Ferrell), who’s married (at least initially) to director Susan (Amanda Peet).

Allen is best known for his ability to craft dialogue around relationships in his beloved New York City, with a career total of 13 Academy Award nominations for Best Screenplay. Here, he uses dialogue to distinguish between tragedy and comedy. Melinda goes on to horse races in both stories. With Hobie, she’s kinetic and joyful after admitting that she had “been to the races in years.” With Ellis, she makes the same admission but with a straight face. A genre change appears in both stories. In one, Melinda picks it up when she first meets Ellis, and we can only surmise what she wishes when she rabs it. Meanwhile, when Hobie sees an identical lamp, he says his wish out loud. Allen conveys that comedy works because it’s explicit, while tragic moods rely on the unspoken.

But Allen isn’t content with making clear distinctions. The face ends with all the pieces in place. In the tragedy, however, it’s explained that “life is messy,” like Melinda’s appearance.

Both the tragedy and the comedy had aspects of each other.

The two stories by themselves are mediocre. The comedy is unnatural at times, and the plot seems incomplete, as both stories end abruptly. Perhaps Allen feels that a good movie needs both comedy and drama to succeed, thus explaining his method of making films.

Allen chooses actors for each of the stories depending on their background. For the dramatic story, he uses Sevigny (Academy award nomination in the dark “Boys Don’t Cry”) and Eijjor, who rose through the British theater to debut in “Amistad.” In the comedy — the “Old School” star Ferrell and “Saving Silverman”’s Peet. The acting is stunning, but it doesn’t exactly make up for the 20 or so loose-ends contained in the movie.

“The Ring 2” creates new problems and characters only to forget them. Not just that, but the problems are often nonsensical, and the characters often say inconsistent things. Here’s an example that won’t ruin the movie, should you still decide to see it (as I hope you won’t). Keller gets chills. Then again, just because you get chills doesn’t mean you haven’t wasted two hours. The right mood and you’re watching it with the right crowd, it is truly a fun experience.

Yes, my questions don’t need to be answered, but that’s not the point. The point is that instead of enjoying every moment of a film, we’ll throw some on the back of our mind. It was a decent time. I laughed, I screamed. I met Orson Scott Card (just kidding, it was only a creepy guy pretending to be OCS). The cinematography was beautiful and artistic in parts, a couple of Hollywood favorites made cameos, and there were certainly scenes in which covering my eyes seemed like the best idea. Judging by the screams from the audience, I would say that they were enjoying themselves. Here’s where it gets confusing — looking back, it’s unim- pressive. I had a decent time. I watched such a poorly written movie.

While I was watching “The Ring 2,” I was aware of several flaws and loose ends, but I pushed them to the back of my mind. Once I had a moment to consider them, however, they became overwhelming. It seems as if the writer had a start and end in mind and arbitrarily chose the rest. Not enough animals in the first one? We’ll throw some in. Not enough water in the first one? We’ll throw some in our cast. It’s not that animals and water are arbitrary, just that they do little to enrich the plot. “The Ring 2” simply works so hard to dazzle the viewer visually that it falls flat otherwise. Seeing 20 gallons of water spread out on a ceiling is stunning, but it doesn’t exactly make up for the 20 or so loose-ends contained in the movie.

“The Ring 2” creates new problems and characters only to forget them. Not just that, but the problems are often nonsensical, and the characters often say inconsistent things. Here’s an example that won’t ruin the movie, should you still decide to see it (as I hope you won’t). Keller gets chills. Then again, just because you get chills doesn’t mean you haven’t wasted two hours. The right mood and you’re watching it with the right crowd, it is truly a fun experience.

Yes, my questions don’t need to be answered, but that’s not the point. The point is that instead of enjoying every moment of a film, we’ll throw some on the back of our mind. It was a decent time. I laughed, I screamed. I met Orson Scott Card (just kidding, it was only a creepy guy pretending to be OCS). The cinematography was beautiful and artistic in parts, a couple of Hollywood favorites made cameos, and there were certainly scenes in which covering my eyes seemed like the best idea. Judging by the screams from the audience, I would say that they were enjoying themselves. Here’s where it gets confusing — looking back, it’s unimpressive. I had a decent time. I watched such a poorly written movie.

While I was watching “The Ring 2,” I was aware of several flaws and loose ends, but I pushed them to the back of my mind. Once I had a moment to consider them, however, they became overwhelming. It seems as if the writer had a start and end in mind and arbitrarily chose the rest. Not enough animals in the first one? We’ll throw some in. Not enough water in the first one? We’ll throw some in our cast. It’s not that animals and water are arbitrary, just that they do little to enrich the plot. “The Ring 2” simply works so hard to dazzle the viewer visually that it falls flat otherwise. Seeing 20 gallons of water spread out on a ceiling is stunning, but it doesn’t exactly make up for the 20 or so loose-ends contained in the movie.

“The Ring 2” creates new problems and characters only to forget them. Not just that, but the problems are often nonsensical, and the characters often say inconsistent things. Here’s an example that won’t ruin the movie, should you still decide to see it (as I hope you won’t). Keller gets chills. Then again, just because you get chills doesn’t mean you haven’t wasted two hours. The right mood and you’re watching it with the right crowd, it is truly a fun experience.

Yes, my questions don’t need to be answered, but that’s not the point. The point is that instead of enjoying every moment of a film, we’ll throw some on the back of our mind. It was a decent time. I laughed, I screamed. I met Orson Scott Card (just kidding, it was only a creepy guy pretending to be OCS). The cinematography was beautiful and artistic in parts, a couple of Hollywood favorites made cameos, and there were certainly scenes in which covering my eyes seemed like the best idea. Judging by the screams from the audience, I would say that they were enjoying themselves. Here’s where it gets confusing — looking back, it’s unimpressive. I had a decent time. I watched such a poorly written movie.

While I was watching “The Ring 2,” I was aware of several flaws and loose ends, but I pushed them to the back of my mind. Once I had a moment to consider them, however, they became overwhelming. It seems as if the writer had a start and end in mind and arbitrarily chose the rest. Not enough animals in the first one? We’ll throw some in. Not enough water in the first one? We’ll throw some in our cast. It’s not that animals and water are arbitrary, just that they do little to enrich the plot. “The Ring 2” simply works so hard to dazzle the viewer visually that it falls flat otherwise. Seeing 20 gallons of water spread out on a ceiling is stunning, but it doesn’t exactly make up for the 20 or so loose-ends contained in the movie.

“The Ring 2” creates new problems and characters only to forget them. Not just that, but the problems are often nonsensical, and the characters often say inconsistent things. Here’s an example that won’t ruin the movie, should you still decide to see it (as I hope you won’t). Keller gets chills. Then again, just because you get chills doesn’t mean you haven’t wasted two hours. The right mood and you’re watching it with the right crowd, it is truly a fun experience.

Yes, my questions don’t need to be answered, but that’s not the point. The point is that instead of enjoying every moment of a film, we’ll throw some on the back of our mind. It was a decent time. I laughed, I screamed. I met Orson Scott Card (just kidding, it was only a creepy guy pretending to be OCS). The cinematography was beautiful and artistic in parts, a couple of Hollywood favorites made cameos, and there were certainly scenes in which covering my eyes seemed like the best idea. Judging by the screams from the audience, I would say that they were enjoying themselves. Here’s where it gets confusing — looking back, it’s unimpressive. I had a decent time. I watched such a poorly written movie.

While I was watching “The Ring 2,” I was aware of several flaws and loose ends, but I pushed them to the back of my mind. Once I had a moment to consider them, however, they became overwhelming. It seems as if the writer had a start and end in mind and arbitrarily chose the rest. Not enough animals in the first one? We’ll throw some in. Not enough water in the first one? We’ll throw some in our cast. It’s not that animals and water are arbitrary, just that they do little to enrich the plot. “The Ring 2” simply works so hard to dazzle the viewer visually that it falls flat otherwise. Seeing 20 gallons of water spread out on a ceiling is stunning, but it doesn’t exactly make up for the 20 or so loose-ends contained in the movie.

“The Ring 2” creates new problems and characters only to forget them. Not just that, but the problems are often nonsensical, and the characters often say inconsistent things. Here’s an example that won’t ruin the movie, should you still decide to see it (as I hope you won’t). Keller gets chills. Then again, just because you get chills doesn’t mean you haven’t wasted two hours. The right mood and you’re watching it with the right crowd, it is truly a fun experience.

Yes, my questions don’t need to be answered, but that’s not the point. The point is that instead of enjoying every moment of a film, we’ll throw some on the back of our mind. It was a decent time. I laughed, I screamed. I met Orson Scott Card (just kidding, it was only a creepy guy pretending to be OCS). The cinematography was beautiful and artistic in parts, a couple of Hollywood favorites made cameos, and there were certainly scenes in which covering my eyes seemed like the best idea. Judging by the screams from the audience, I would say that they were enjoying themselves. Here’s where it gets confusing — looking back, it’s unimpressive. I had a decent time. I watched such a poorly written movie.

While I was watching “The Ring 2,” I was aware of several flaws and loose ends, but I pushed them to the back of my mind. Once I had a moment to consider them, however, they became overwhelming. It seems as if the writer had a start and end in mind and arbitrarily chose the rest. Not enough animals in the first one? We’ll throw some in. Not enough water in the first one? We’ll throw some in our cast. It’s not that animals and water are arbitrary, just that they do little to enrich the plot. “The Ring 2” simply works so hard to dazzle the viewer visually that it falls flat otherwise. Seeing 20 gallons of water spread out on a ceiling is stunning, but it doesn’t exactly make up for the 20 or so loose-ends contained in the movie.
By Jacqueline O’Connor

CLASSICAL REVIEW

Choreography was often similarly symmetrical to similar works by Mark Morris. Here, Childs’, Arcangelo Corelli, the work consisted of less pleasing that they are virtually impossible for presented here, “Sarabande” and “Falling every detail was accounted for, every instrument near-constant movement, pervasive jumps, and lovely low hits.

T

Although the Boston Ballet relies on classic “story” ballets to attract the usual dancer, their modern dance pieces certainly have admiring. Last weekend, their audiences had the opportunity to see a slice of the contemporary spectrum which, white mixed, was satisfying. The program began with “Ten Part Suite,” a world premiere by American Lucinda Childs, who is well-known for her collaborations with American minimalist Philip Glass and John Adams. Set to violin sonatas by Arcangelo Corelli, the work consisted of less literal presentations of the fluid music than similar works by Mark Morris. Here, Childs’ choreography was the same level of eeriness, the insane, and the disturbing. The atmosphere created, whose surrealism is compounded by six golden bull horns hanging atop each of the five dancers, and a permanent removal of (and wrestling with) the dancers’ hands and body parts. The dancers’ synchro-ized vocalizes and choreographed sounds adds a disquieting tension not found in other works. In this oddity, somewhat on the beat, while executing moves that tend to be simulate the timelessness of the piece and to playfully to cumulative to lyrically all within a minute. Just as a theme was beginning to be developed, the mood would change and pull the piece in the opposite direction. While Serkin gave an impressive performance, the piece was not conducive to enjoyable listening. The final piece on the concert was a rocky performance of Beethoven’s “Pastoral” by Cary Brubaker. The performance went from lyric and playful to lyrical and lovely low lifts.

Boston Symphony Orchestra

April 1, 2005

Tchaikovsky.

BOSTON PREMIERS TWO NEW WORKS

“Darkbloom” by Prof. John Harbison Performed

By Byrd Cho

A

REVIEW

Performing “Falling Angels”

Boston Ballet explores the Modern Repertoire

By Yas-Chung King

“Falling Angels” but the perfectly coupled lighting (done by Joop Cobaut) and the com-"Yanni Does Techno,” quickly grew as

BY JACQUELINE O’CONNOR

April 1, 2005

Masa

48 Tremont St.
Boston, MA 02116
617.338.8884

Maia’s Web site quotes Alison Amtell at The Boston Globe as saying that the restaurant is “one of the most innovative places to eat in Boston.” A Southwestern twist of sophistication, “Masa serves as an array of Southwestern-style entrees, including steak to lamb to tuna-flavored, with the selective additions of fresh lime, cilantro, chiles, avocado salsa. The classical interplay of white brick, hanging crystal chandeliers, white drapery, and gilded mirrors. Masa seems like a clean choice for a nice evening out. Nothing too nifty, but enough dazzle to escape the bland. I skipped the side dish three-course theme and headed straight for their bar, a standard- looking but with room for night in front of the additional seating in the form of high bar stools next to equally high table tops. What had attracted me there wasn’t its Zagat rating or the host of positive reviews about Masa (which are conveniently listed, also, on its Web site). It was the tapas menu.

Masa offers ten small-plated treats, from a slightly over-salted Guajillo (chile) Roasted Sliced Steak and Guacamole to a delightful Car- nita De Puerco Empanada (pork turnover with flaky crust). At an unexpected dollar a pop, Masa is an attractive stop for an evening of imbibing and snacking. Other notable on the menu are the fish tacos ($2.75) and Avocado Wasabi, BBQ Chicken Skewer with Pineapple Salsa, and Tuna Tacos ($1.75) in a flaky tortilla marinated in lime and lemon. But the real gem on the grill was the Grilled ChORIZO. A juicy pork sausage slice served beside cranberry chutney salsa, the ChORIZO presents a surprisingly well-matched mixture between the salt of the sausage and the sweet-tart flavors in the salsa. But at a buck-a-piece, don’t take my word for it. The “combo plate” ($10), whose prosaic name does little justice to the quality of its contents, lets you sample all ten. (Feel free to sug- gest a more elegant name.) Also for it. The “combo platter” ($10), whose prosaic name does little justice to the quality of its contents, lets you sample all ten. (Feel free to sug- gest a more elegant name.) Also

REVIEW

apases [Masa]

REServation

Restaurant: Bar
Sun- Wed 5-10 p.m.
Sun-Thurs 5-11 p.m.
Thurs-Sat 5-11 p.m.
Sat-Sun 5-1 p.m.
(Friday and Saturday)

Food, Drink, Music (New Option for Thursday Nights)

Directions: Take the Green Line to the Arlington T stop. Walk in the direction of traffic for five short blocks, around a bend, and across the bridge to the intersection of Massachusetts and Arlington. Turn right on Tremont without crossing it, and find Masa is a couple of yards ahead.

apases [Masa]

Maia’s Web site quotes Alison Amtell at The Boston Globe as saying that the restaurant is “one of the most innovative places to eat in Boston.” A Southwestern twist of sophistication, “Masa serves as an array of Southwestern-style entrees, including steak to lamb to tuna-flavored, with the selective additions of fresh lime, cilantro, chiles, avocado salsa. The classical interplay of white brick, hanging crystal chandeliers, white drapery, and gilded mirrors. Masa seems like a clean choice for a nice evening out. Nothing too nifty, but enough dazzle to escape the bland. I skipped the side dish three-course theme and headed straight for their bar, a standard-looking but with room for night in front of the additional seating in the form of high bar stools next to equally high table tops. What had attracted me there wasn’t its Zagat rating or the host of positive reviews about Masa (which are conveniently listed, also, on its Web site). It was the tapas menu.

Masa offers ten small-plated treats, from a slightly over-salted Guajillo (chile) Roasted Sliced Steak and Guacamole to a delightful Carnita De Puerco Empanada (pork turnover with flaky crust). At an unexpected dollar a pop, Masa is an attractive stop for an evening of imbibing and snacking. Other notable on the menu are the fish tacos ($2.75) and Avocado Wasabi, BBQ Chicken Skewer with Pineapple Salsa, and Tuna Tacos ($1.75) in a flaky tortilla marinated in lime and lemon. But the real gem on the grill was the Grilled ChORIZO. A juicy pork sausage slice served beside cranberry chutney salsa, the ChORIZO presents a surprisingly well-matched mixture between the salt of the sausage and the sweet-tart flavors in the salsa. But at a buck-a-piece, don’t take my word for it. The “combo plate” ($10), whose prosaic name does little justice to the quality of its contents, lets you sample all ten. (Feel free to suggest a more elegant name.) Also
from traffic jams to global warming, we care about your environment.

nature. tools. toys. http://cee.mit.edu

FRESHMAN OPEN HOUSE
TUESDAY, APRIL 5; 12:00-4:00 pm; 10-105

Department of
Civil & Environmental Engineering
Massachusetts Institute of Technology
Trio

Hey yo... tell a friend about Trio: ALUM.MIT.EDU/WWW/EMIE

by Emezie Okorafor

You know, Mina... according to your OWN words, you and I technically aren't friends anymore. I haven't heard from you or seen you in nearly a year... and suddenly, here you are, asking me to come hang out with you.

You want to have your cake and eat it, too. You refuse to be tied down by the complexities of true friendship... yet, you enjoy knowing that jerks like me will always have YOUR back whenever you're lonely.

Well, sorry, sister... but you're gonna have to find yourself another jerk! I may be a loser, but I have my limits! Tonight, you'll simply have to face your loneliness like the rest of us... ALONE!!

You done?

Yes, ma'am. We can go now.

I'm going to hell

And lo, the clones did give chase to the Phantom. Down the bridge they went.

But upon reaching his abode, he was nowhere to be found.

They left them with a cryptic message. And he was never heard from again.

BizToons

by Brian Loux

Kim! That guy you dragged home last night is still here! You've got to get rid of him!

Hey, ladies, I took the liberty of making the coffee, cleaning the kitchen and doing your laundry... ... with extra fabric softener!

Well, I guess he can stay. For a little while.

Yo! Some more lemonade over here!

The BizToons book, "You Can't Fire Me, I Still Have Business Cards Left!" is now 15% off at Amazon.com and free shipping!

PhD

Piled Higher and Deeper

Holy cow! Do you know what that is??

That's Dr. James Herod! The father of multi-carrier algorithms.

Oh, man, I'm gonna make him sign my copy of his book. Good thing I always have it with me...

Ok, Cecelia, be cool. Don't want him to think you're a dork...

Nonsense. Why would he think that?
U.S. Universities with the Most Patents

<table>
<thead>
<tr>
<th>University of California</th>
<th>Rank 2004</th>
<th>Number of Patents 2004</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>424</td>
</tr>
<tr>
<td>California Institute of Technology</td>
<td>2</td>
<td>135</td>
</tr>
<tr>
<td>Massachusetts Institute of Technology</td>
<td>3</td>
<td>132</td>
</tr>
<tr>
<td>University of Texas</td>
<td>4</td>
<td>101</td>
</tr>
<tr>
<td>Stanford University</td>
<td>5</td>
<td>75</td>
</tr>
<tr>
<td>University of Michigan</td>
<td>7</td>
<td>67</td>
</tr>
<tr>
<td>University of Wisconsin</td>
<td>8</td>
<td>64</td>
</tr>
<tr>
<td>University of Illinois</td>
<td>9</td>
<td>56</td>
</tr>
<tr>
<td>Columbia University</td>
<td>10</td>
<td>52</td>
</tr>
</tbody>
</table>

*The listed patent counts are preliminary counts that are subject to correction. The final listing of patent counts for U.S. universities in 2004 should be available in late December of 2005.

SOURCE: UNITED STATES PATENT AND TRADEMARK OFFICE

MIT led the third most patents among U.S. universities for the 2004 calendar year, according to a press release from the USPTO. This is the 11th consecutive year that the University of California system has topped the list.

"Tools and implements of architecture, symbols most expressive, have been selected by the fraternity to imprint on the memory wise and serious truths; and thus, through a succession of ages, are transmitted, unimpaired, the most excellent tenets of our Institution..."

Freemasonry is the world's oldest fraternity. Our centuries-old rituals employ the tools of the mediaeval stone-mason -- as symbol and metaphor -- to present spiritual, moral and philosophical lessons of enduring wisdom and value.

Richard C. Maclaurin Lodge
ANCIENT FREE & ACCEPTED MASONS

Open House
Wednesday April 20, 2005
7:00pm-8:30pm
Cambridge Masonic Temple
1950 Mass Ave
Cambridge, Mass.

More information:
rcm-info@mit.edu or
masonrypage.org/rcm

ON-CAMPUS. OFF-CAMPUS. SAME THING.

Know what's happening on campus or across the country instantly. Every Nextel® phone comes with a built-in walkie-talkie that lets you connect coast-to-coast in under a second. And Two-Way Messaging access so you always know who's doing what and when.

Rate plans start at $35.99 per month. Other plans available. 

Ask about our special student offers.

* Travel pack for one penny with every new activation ($79.00 Retail Value)
Offer only valid at the following locations.

Endless Communications
South Shore Plaza
1045 Northern Ave
Wellesley, MA 02181
(781) 849-7400
(781) 356-0329

Endless Communications
Cambridge Center
114 Cambridge St
Cambridge, MA 02138
(617) 494-6004

We want you in our secret society.

join@the-tech.mit.edu
By Mac Daniel

T. Mulhern said. “If you go into
around already, so why not on the
work could add to the experience of
advertising into public spaces. But
may fear a further invasion of
management Tuesday that some people
manager of the MBTA, acknowl-
board.

tion to advertisements, would be
probably offer a newscast in addi-
America’s oldest subway system.
revenues a year. But the televisions
generate $3.5 million in advertising
Red, Orange, and Blue lines, could
screens inside subway cars on the
own closed-circuit television net-
Authority is preparing to install its
chusetts Bay Transportation
Desperate to raise more money
The network, which would
fitted with five 15-inch flat-screen
televisions per car. The televisions
on the Metropolitan Atlanta Rapid
Transit Authority, or MARTA, will
carry a 30-minute loop consisting of
20 minutes of local news from an
ABC affiliate there and 9.5 min-
utes of advertising. The program-
ing is updated throughout the day.
The Atlanta system is expected to
generate $2.3 million in revenue
annually.
thes technology is spreading as
agencies nationwide seek new
ways to raise money during
hard economic times. Atlanta will
be the first to bring television to
subway and commuter rail, though
its buses already have the televi-

ions. Buses in Milwaukee; Orlan-
do, Fla.; Chicago, and Norfolk, Va.,
have similar systems.
for advertisers, the transit tele-
visions offer a relatively captive
audience, in an age when con-
sumers can find ways to skip com-
mercials on TiVo and satellite radio.
“More we tune out [com-
mercials], the more important it is
for advertisers to try and reach us,
and that adds to the clutter that
already exists,” said Andrew Rohm,
an assistant professor of marketing
at Northeastern University.
In Orlando, Chicago, and Mil-
waukee, the technology is advanced
even for advertisers for busi-
nesses along the route can pop up
as the bus passes, such as a McDon-
lad’s restaurant, with a commercial
featuring directions for walkers.

The changes have not come
without resistance, however. In
Milwaukee, riders complained that
the televisions were too loud.
Speakers were replaced to bring
the sound down.
Mulhern, who is retiring June 1,
said the next general manager as
well as the T’s board would have
final say over whether the new sys-
tem moves forward. The authority
is seeking bids by May 1 from tran-
sit equipment providers.
Yesterday, at the JFK/UMass
Station on the Red Line, riders
were less than enthusiastic.
“That would really be a distac-
tion,” said Orlando Mebane, 53, of
North Quincy, as he waited for a
train.
Said Darrell Murphy, 37, of East
Boston, “I’m too busy resting my
eyes in the morning going to work,
and I’m too busy sleeping on the
way home to notice.”
Mulhern said the television sys-
tem might help the T elsewhere.
The complete network, installed at
no cost to the MBTA, could make
clearer stop and service-change
announcements at stations. Riders
are long complainer about the fre-
quently inaudible announcements
made via the T’s antiquated inter-
tion signs, he said.
In another move to raise rev-

e, the authority plans to reser-
rect an effort to grant commercial
naming-rights to the Route 128
commuter rail stop, in which adver-
tsers have recently expressed inter-

er. The T plans to ask for bids
for the rights around May 1.
An effort in 2000 to sell nam-
ing-rights to downtown subway sta-
tions failed to attract advertiser
interest. “We think unlike the sub-
way stations, there’s more of an
upside to it and loss of a downside,”
Mulhern said. “We think it’s defi-
nitely worth exploring.”
Audit Requires Housing to Pay $1M for Networking

**Housing’s Utility Costs, actual and budgeted, 2003-2006**

<table>
<thead>
<tr>
<th>Year</th>
<th>Budget</th>
<th>Actual</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>$7M</td>
<td>$6M</td>
<td>$5M</td>
<td>$4M</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Auditor's reports are available at [http://web.mit.edu/caa/www/cas_index_reports.html](http://web.mit.edu/caa/www/cas_index_reports.html).**

The auditor's reports are available at [http://web.mit.edu/caa/www/cas_index_reports.html](http://web.mit.edu/caa/www/cas_index_reports.html). The accompanying chart has a full explanation, but IS&T is essentially raising the monthly rates for analog phones to $2 per phone in FY06, and Housing has decided to pay a reduced rate of $3 per phone to provide on-campus service only. The $3 is $20 minus the $3. The $3 campus-only rate Housing is paying is "not directly related to cost — it was a result of negotiation with Housing," said Allison F. Dolan, IS&T’s director of telephony.

Dolan explained that most of the costs to IS&T are the same for both campus-only phones and full-service phones. Both require the same equipment in rooms, the same wiring to MIT’s phone switch, and the same switch electronics to terminate the wiring inside the switch. The only extra cost is the per-minute cost of the calls themselves. Similarly, inbound long-distance service does not cost extra, Dolan said, but it is part of the full service in order to provide an incentive for students to purchase the full service.

**Excerpt from 2003 Federal Auditors’ Report**

Auditors: "MIT incorrectly claimed $700,000 of costs associated with providing network service to MIT dormitories and Independent Living Groups within G&A cost pool 210, Campus Administration during FY 2001 and 2002. In FY2001, MIT collected these costs under account number 1639700 (Voice, Data, and Image Networking). Then in FY2002, MIT created a new account called Residential Network Funding (1639220) to track expenses associated solely with providing network service to MIT dormitories and Independent Living Groups. Although MIT created a new account, they still allocated these costs through the Campus Administration cost pool. Based on our review, we determined that these costs are unallocable to sponsored agreements, in accordance with OMB Circular A-21, Section C.4. In addition, we also noted that this allocation process is not in accordance with MIT’s disclosure statement.”

"Our review disclosed that MIT did not bill these costs to the appropriate users of the service nor were they billed using a standard rate. The correct users of this service are the MIT dormitories and Independent Living Groups. Therefore, MIT did not bill these costs based on a standard rate. This practice is not in accordance with MIT’s disclosure statement. We will be initiating a CAS non-compliance report to address this issue. MIT Response: ‘MIT Concurs. To ensure that the Federal Government is charged only its fair share of network service costs, MIT will perform a user analysis at year-end and will adjust research recovery appropriately. Beginning in FY 2004 MIT will ensure that all users are billed for network service at standard rates according to the type and class of service used.’"


---

**March Madness on MIT Cable**

- **HDTV! Finally!**
- **web.mit.edu/mitcable**

**Information Services & Technology**

---

**Final Four!**

**Featured Show! - 6:30pm, April 2**

- **Victor Fung and Anna Mikhail**
- **Sponsored by MIT Student Financial Services**

**The Ninth Annual MIT Open Ballroom Dance Competition**

**April 2-3, 2005 • Rockwell Gym • MIT**

**http://web.mit.edu/cao/index.html**

---

**MIT Response:**

**Auditors:** "MIT incorrectly claimed $700,000 of costs associated with providing network service to MIT dormitories and Independent Living Groups within G&A cost pool 210, Campus Administration during FY 2001 and 2002. In FY2001, MIT collected these costs under account number 1639700 (Voice, Data, and Image Networking). Then in FY2002, MIT created a new account called Residential Network Funding (1639220) to track expenses associated solely with providing network service to MIT dormitories and Independent Living Groups. Although MIT created a new account, they still allocated these costs through the Campus Administration cost pool. Based on our review, we determined that these costs are unallocable to sponsored agreements, in accordance with OMB Circular A-21, Section C.4. In addition, we also noted that this allocation process is not in accordance with MIT’s disclosure statement.”

"Our review disclosed that MIT did not bill these costs to the appropriate users of the service nor were they billed using a standard rate. The correct users of this service are the MIT dormitories and Independent Living Groups. Therefore, MIT did not bill these costs based on a standard rate. This practice is not in accordance with MIT’s disclosure statement. We will be initiating a CAS non-compliance report to address this issue. MIT Response: "MIT Concurs. To ensure that the Federal Government is charged only its fair share of network costs in FY2003, MIT will perform a user analysis at year-end and will adjust research recovery appropriately. Beginning in FY 2004 MIT will ensure that all users are billed for network service at standard rates according to the type and class of service used.”

Poor Data Analysis Cited in U.S. Intelligence Failures

April 1, 2005

THE TECH
Page 15

WMD, from Page 1

an e-mail. In their report, the commissioners “conclude that the Intelligence Com-

munity was dead wrong in almost all of its pre-war judgments about Iraq’s weapons of mass destruction.”

The commissioners also studied American intelligence in Afghanistan, Libya, Iran, North Korea, Russia, and China to address intelligence issues beyond the specif-
ic mission in Iraq.

“On a matter of this importance, we simply cannot afford failures of this magnitude,” the report states.

“The harm done to American credi-
bility failings in Iraq will take years to undo.”

The report is available online at http://www.wmd.gov/report/index.ht

This lack of confidence in intelli-
gence practices are conducted, the

tempts.

In Iraq, failures in intelligence
stemmed from an “inability to collect
what they did collect was either
lected precious little intelligence for
lected for.

The commissioners also empha-
sify that policymakers “must be pre-
pared to accept uncertainties and qualifications in intelligence judg-
ments and not expect greater preci-
sion than the evaluated data per-
mits.”

For example, the daily briefings
President Bush did not accurately
convoy the doubts in intelligence, and instead “left an impression of many corroborating reports where in
fact there were very few sources,” in

Communication of intelligence must therefore be improved, the commissioners
recommend.

In Iraq, failures in intelligence stemmed from an “inability to collect meaningful intelligence on Iraq’s nuclear, biological, and chemical weapons programs.” Rather, “lack-
ing good intelligence, analysts and collectors fell back on old assump-
tions and inferences drawn from Iraq’s past behavior and emotions.”

The inadequate data is not limited to Iraq; “across the board, the Intelli-
genre Community knows disturbingly
little about the nuclear programs of
many of the world’s most dangerous actors. In some cases, it knows less
now than it did five or ten years ago.” Analysts must be prepared to explain how much they don’t know; the col-
lection agencies must be prepared to explain why they don’t have better information on key topics.

This lack of intelligence was fur-
thermore not clearly presented, but rather “obscured how little the Intel-
genre Community actually knew about an issue and how much their conclusions rested on inference and assumptions.”

The commissioners also empha-
sify that policymakers “must be pre-
pared to accept uncertainties and qualifications in intelligence judg-
ments and not expect greater preci-
sion than the evaluated data per-
mits.”

For example, the daily briefings
President Bush did not accurately
convoy the doubts in intelligence, and instead “left an impression of many corroborating reports where in
fact there were very few sources,” in

Communication of intelligence must therefore be improved, the commissioners
recommend.

In Iraq, failures in intelligence stemmed from an “inability to collect meaningful intelligence on Iraq’s nuclear, biological, and chemical weapons programs.” Rather, “lack-

In addition, the lack of adequate data collection represents changes to the intelligence world, necessi-
tating innovation in how intelli-
gence practices are conducted, the

report states.

Intelligence integration lacking

One source of intelligence fail-
ures has been the lack of collabora-
tion among various intelligence-
related organizations, recently
leading to the creation of a Director of National Intelligence position.

“The Intelligence Community is also fragmented, loosely managed, and poorly coordinated; the 15 intelli-
genre organizations are a ‘Community’ in name only and rarely act with a purity of unity.”

What we need is an Intelligence Community that is integrated,” according to the report.

The commissioners specifically recommend increasing the leverage of the DNI and integrating the FBI more thoroughly into the intelli-
genre community.

The commissioners also ques-
tioned the lack of shared informa-
tion between departments, as “indi-
vidual departments and agencies
continue to act as though they own the information they collect, forc-
ing other agencies to pay informa-
tion from them.”

One suggestion for combating this lack of coordination would be the creation of “Mission Managers” from the staff of the DNI who
would be “responsible for develop-
ing strategies for all aspects of intelligence relating to a priority intelligence target,” according to the report.

To facilitate this integration, the commissioners recommend addi-
tional Congressional oversight of intelligence, such as the creation of subcommittees in the House and

Senate intelligence committees.

The commissioners also recom-
mend that the DNI “create mech-
nisms to ensure that the Intelli-
genre Community conducts ‘lessons learned’ and after action studies so that it will be better equipped to identify its own strengths and weaknesses.”

Science training underdeveloped

The commissioners also cite a failure of the intelligence commu-

nity to address the technical expertise now necessary for intelligence. In particular, they write that biological weapons pose a substantial threat that has not been adequately studied.

“Biological weapons are cheaper and easier to acquire than nuclear weapons — and they could be more deadly,” the report states.

To address the lack of intelli-
gence officials with technical, scienti-
tific, and foreign language experi-
ence and background, the commissioners propose a new human resources office in the Office of the DNI.

The commissioners also advo-
cate increased collaboration with the biological science community.

“The Intelligence Community simply does not have the in-depth technical knowledge about biologi-
cal weapons that it has about nuclear weapons.”

“Technical expertise, particu-
larly relating to weapons systems, has fallen sharply in the past ten years. And in other areas, such as biotech-
ology, the Intelligence Community is well behind the private sector,” the report states.

Freshmen Open House
Department of Aeronautics and Astronautics – Course XVI

Wednesday, April 6, 2005
At the Seamans Lab (33 - 116)

Freshmen Open House

3:00 - 4:00 pm.

Up, down, charm, strange, top, bottom. Work it any way you want in Quark.
Oracle Supports Workforce Diversity.

A $10 Billion Leader Doesn’t Wait for Fall Recruiting.

At Oracle, we’ve got a host of openings across our Software Development groups. Here’s your chance to start your post-college life with a global leader whose database, tools, and application products reside in over 145 countries. Positions are filling fast, so be sure to apply today.

Software Developers
Redwood Shores (San Francisco Bay Area) • Boston

Develop E-business for the web or work in our Internet platform division which has a wide variety of complex challenges for the sharpest minds. To start, we’ll need your C/Java expertise and significant systems experience. And if your thirst for knowledge means working for the best to develop the latest Internet software — we need to talk.

Apply today by e-mailing your resume to: lslynn_us@oracle.com
To learn more about these and other opportunities, please visit www.oracle.com/college

Oracle Supports Workforce Diversity.

Software Developers
(Immediate Openings)

Exploratory Subjects Seem to Be Successful

By Beckett W. Sterner

A total of 239 and 284 students declared classes to be exploratory subjects this fall and spring, said Anna Frazer, assistant dean of undergraduate education. After the fall semester, 43 students ultimately chose to change to listener status after receiving their grades, she said. Exploratory subjects were introduced three years ago as a new option for sophomores to effectively drop a class after receiving the final grade.

Dean for Undergraduate Education Robert P. Redwine said that the program had been working well so far. “It’s certainly not used by all students,” he said, but he and others evaluating it “were pleased” with how it is being used.

Students are still taking the classes seriously, he said, and there has not been a drop in their average grades compared with students taking subjects under normal registration.

While some students use the option on classes required for their majors, “more are doing it outside the major,” he said, with only a minority choosing to later switch to listener status.

This year’s numbers are approximately in line with those from the last two years. 302 and 287 sophomores declared a subject exploratory in spring 2004 and fall 2003, respectively.

Leah A. Bogsted ’08 winds and delivers a pitch during MIT’s 6–2 victory over Regis College on Wednesday, March 30. Bogsted fanned 11 batters and earned the win during the women’s softball home opener, lifting the Engineers to a 3–6 overall record.
**T Fare Structure May Change**

By Amy Lambiaso

The MBTA is looking to shed nearly 100 Green Line crew members, possibly restructuring fares to reduce crowds during rush hour, and improve service to Worcester and Fitchburg. MBTA General Manager Michael Mulhern told lawmakers Monday. Mulhern, who is retiring from the MBTA on June 1, said today that even after raising fares twice during the last six years, increasing parking fees and reducing service this year, and recently laying off nearly 50 employees, the agency is still strapped for cash.

And while another fare hike isn’t likely for 18 months, Mulhern said he envisions the next adjustments to raise fares for riders during rush hour and offer discounts to those who opt to ride during off-peak hours.

“I’d like to think our next fare increase isn’t an across-the-board fare hike,” Mulhern said today after briefing members of the Legislature’s Transportation Committee on the MBTA’s budget proposal for next year. “The subway lines are saturated during the peak periods. We need to take better advantage of capacity that’s not used, and most of that capacity is during the off-peak.”

Mulhern said today that he has accepted a job at the international engineering firm Jacobs Engineering Group Inc., that he will continue to work in the pharmaceutical, chemical, and food products industry. Mulhern said he plans to remain actively involved with the agency after leaving.

Khalida Smalls, who coordinates MBTA’s “Forward Funding” law six years ago, which will con-nect the Orange, Red and Green Lines to service the South Boston-Waterfront area of the city.

The agency is also working to complete the environmental impact statements for the Urban Ring and the Blue Line extension to Lynn. The Green Line extension beyond Lech-mere and commuter rail service to Fall River and New Bedford are also under consideration, he said.

But after being pressed by Rep. Brian Knarrut (D-Gardiner) about commuter rail service extending to his district, Mulhern said increasing service to Worcester to 20 trips per day and making improvements on the Fitchburg Line are the agency’s “top priorities” before embarking on other expansion projects.

In a multi-billion dollar bond bill last year, the Legislature authorized spending on numerous expansion projects. It is up to the administration to decide which ones advance within the restrictions of a $1.25 billion annual bond cap.

In his recently released 20-year blueprint for the state’s transportation network, Gov. Mitt Romney pro-posed having the state pick up the tab for costs associated with new transit expansion projects, an idea Mulhern immediately supported.

“I think for the first time it’s truth in advertising,” Mulhern said. “For me, that was an acknowledgement that we can’t afford any expansion projects without state assistance.”

The MBTA carries more debt than any other public transit agency in the country, Mulhern said.

To meet its service obligations and live within its means, the T must pay off that debt in a more effective fash-ion, he said, perhaps by dedicating more revenue toward those payments each year. Next year, $345 million of the T’s $1.2 billion budget will be spent on debt service obligations.

Rep. Joseph Wagner (D-Chic-opee), co-chairman of the Transportation Committee, agreed that the cur-rent situation is troubling. “This is really an issue.”

**The 2005 Harold & Arlene Schnitzer Prize in the Visual Arts**

The Council for the Arts at MIT and the MIT Student Art Association invite all registered MIT students to submit works of visual art (2 dimensional, 3 dimensional, and video) to the Harold & Arlene Schnitzer Visual Arts Competition

Submissions will be accepted on Monday, April 4, 2005 between 10am – 5:00pm at The Student Art Association (W20-429)

**FIRST Prize** $1500  
**SECOND Prize** $900  
**THIRD Prize** $600

**Winners must be willing and able to display their work in the Wiesner Student Art Gallery.**

The show will hang in the gallery during commencement, from late May 2005 through June 30, 2005

**Schnitzer Prize Applications are available at the Student Art Association (W20-429),**

**Campus Activities Complex (W20-500), and the Office of the Arts (E15-205)**

You may also download the material from the SAA web page: [http://web.mit.edu/saa/schnitzer.html](http://web.mit.edu/saa/schnitzer.html)

 Winners will be announced on Monday April 11, 2005

If you plan to enter the Schnitzer competition, please send a confirmation email to cohen@media.mit.edu with “Schnitzer Prize” in the subject line
Council for the Arts at MIT Funding Available!

Next application deadline: **April 8, 2005**!

Please contact the director of the Council for the Arts at MIT, Susan Cohen, at cohen@media.mit.edu, to make an appointment to discuss your project and the Council’s application process. While not mandatory, it is strongly recommended that you meet with the director.

Requests for funding submitted on this deadline must be for projects or events that begin no sooner than May 19, 2005

Important information is available on the web:

Application form: http://web.mit.edu/arts/do/funding/grantform.html
Other funding sources: http://web.mit.edu/slp/finances/supp-funding-guide.html

---

I AM SENIOR SEGUE
QUESTIONS ANSWERED · MYSTERIES REVEALED · CATERED BY THE MIDDLE EAST

**SPECIAL EVENT**

**TUESDAY · APRIL 5TH · 6:30PM**

W11 MAIN DINING ROOM

**Senior Segue**

Why bother? What’s it all about? What’s in it for me?
Talk to Segue students, graduate students, Housemasters.
And eat food.

RSVP on-line. Choose your favorite Middle East dish.

http://web.mit.edu/housing/iamseniorsegue/
Pistol Team Collects National Accolades

By Holbrook, from Page 20

Take a dive?

DH: Before each dive, the most important thing for me is to forget all the dives I've already done and forget all the dives that are coming up and focus solely on the one I'm doing right now. That thing I do. That thing I concentrate on the most is not trying to make it extravagant or anything different but to do it exactly the same way I did it before.

TT: Were you feeling anything national at Novatels you didn't feel at previous meets?

DH: It was just another meet for me, so the feelers were pretty much the same, except the competitors were better and there was just a little more pressure.

TT: How did you react when you found out you had won?

DH: When I hit the water on my last dive, I knew that I had won. I just felt a huge weight lifted off my shoulders. I was still a little shaky, but I was really content.

TT: What are your goals for the season?

DH: I've had a couple stress fractures in my ankle since December, and I've just been training on them all year. They don't cause any problems. I can train with them because it's too much pressure, but as far as diving goes, because the board gives staff and they haven't caused me any problems. So, that's why I'm doing it. So it now's time to make them heal.

TT: Do you feel like the fact that you've sustained a number of injuries through your sports career is going to hurt you later in life?

DH: I think the sacrifice is worth it.

TT: Well, I do realize that my motivation is higher than it was... in the long run it might not be worth it, but I think that the memories that I'm making through this time accomplishing will make me a better person in the long run.

TT: Which board do you prefer?

DH: 3-meter.

DH: This has been my first year diving on 3-meter and you're right because it hurts more when you hit the water, and every time you swing a different arm, because you have that much more pressure on you. I love 3-meter because you have more time to do crazier things — you can do some more twists than you can on 1-meter. Not that there are any wrongs with 3-meter, but it's just fun.

TT: Do you find that the fans at MIT supportive?

DH: Yeah, it's really fun.

TT: You've given a quick rundown of the injuries you've sustained through diving and pole vaulting.

DH: I've had a compression fracture right to my right back, a couple of those. I now have a screw in my back, which the disc is getting stiff, and so it doesn't move very well and so it's causing me a little bit of pain. Oh, and I kinda tore a part of my shoulder, which just doesn't move right.

TT: Did you fracture your foot before or after the championships?

DH: I had a couple stress fractures in my ankle since December, and I've just been training on them all year. They don't cause any problems. I can train with them because it's too much pressure, but as far as diving goes, because the board gives staff and they haven't caused me any problems. So, that's why I'm doing it. So it now's time to make them heal.

TT: Do you feel like the fact that you've sustained a number of injuries through your sports career is going to hurt you later in life?

DH: I think the sacrifice is worth it.

TT: Well, I do realize that my motivation is higher than it was... in the long run it might not be worth it, but I think that the memories that I'm making through this time accomplishing will make me a better person in the long run.

TT: Which board do you prefer?

DH: 3-meter.

DH: This has been my first year diving on 3-meter and you're right because it hurts more when you hit the water, and every time you swing a different arm, because you have that much more pressure on you. I love 3-meter because you have more time to do crazier things — you can do some more twists than you can on 1-meter. Not that there are any wrongs with 3-meter, but it's just fun.

TT: Do you find that the fans at MIT supportive?

DH: Yeah, it's really fun.

TT: You've given a quick rundown of the injuries you've sustained through diving and pole vaulting.

DH: I've had a compression fracture right to my right back, a couple of those. I now have a screw in my back, which the disc is getting stiff, and so it doesn't move very well and so it's causing me a little bit of pain. Oh, and I kinda tore a part of my shoulder, which just doesn't move right.

TT: Did you fracture your foot before or after the championships?

DH: I had a couple stress fractures in my ankle since December, and I've just been training on them all year. They don't cause any problems. I can train with them because it's too much pressure, but as far as diving goes, because the board gives staff and they haven't caused me any problems. So, that's why I'm doing it. So it now's time to make them heal.

TT: Do you feel like the fact that you've sustained a number of injuries through your sports career is going to hurt you later in life?

DH: I think the sacrifice is worth it.

TT: Well, I do realize that my motivation is higher than it was... in the long run it might not be worth it, but I think that the memories that I'm making through this time accomplishing will make me a better person in the long run.

TT: Which board do you prefer?

DH: 3-meter.

DH: This has been my first year diving on 3-meter and you're right because it hurts more when you hit the water, and every time you swing a different arm, because you have that much more pressure on you. I love 3-meter because you have more time to do crazier things — you can do some more twists than you can on 1-meter. Not that there are any wrongs with 3-meter, but it's just fun.

TT: Do you find that the fans at MIT supportive?

DH: Yeah, it's really fun.

TT: You've given a quick rundown of the injuries you've sustained through diving and pole vaulting.

DH: I've had a compression fracture right to my right back, a couple of those. I now have a screw in my back, which the disc is getting stiff, and so it doesn't move very well and so it's causing me a little bit of pain. Oh, and I kinda tore a part of my shoulder, which just doesn't move right.

TT: Did you fracture your foot before or after the championships?

DH: I had a couple stress fractures in my ankle since December, and I've just been training on them all year. They don't cause any problems. I can train with them because it's too much pressure, but as far as diving goes, because the board gives staff and they haven't caused me any problems. So, that's why I'm doing it. So it now's time to make them heal.

TT: Do you feel like the fact that you've sustained a number of injuries through your sports career is going to hurt you later in life?

DH: I think the sacrifice is worth it.

TT: Well, I do realize that my motivation is higher than it was... in the long run it might not be worth it, but I think that the memories that I'm making through this time accomplishing will make me a better person in the long run.

TT: Which board do you prefer?

DH: 3-meter.

DH: This has been my first year diving on 3-meter and you're right because it hurts more when you hit the water, and every time you swing a different arm, because you have that much more pressure on you. I love 3-meter because you have more time to do crazier things — you can do some more twists than you can on 1-meter. Not that there are any wrongs with 3-meter, but it's just fun.

TT: Do you find that the fans at MIT supportive?

DH: Yeah, it's really fun.

TT: You've given a quick rundown of the injuries you've sustained through diving and pole vaulting.

DH: I've had a compression fracture right to my right back, a couple of those. I now have a screw in my back, which the disc is getting stiff, and so it doesn't move very well and so it's causing me a little bit of pain. Oh, and I kinda tore a part of my shoulder, which just doesn't move right.

TT: Did you fracture your foot before or after the championships?

DH: I had a couple stress fractures in my ankle since December, and I've just been training on them all year. They don't cause any problems. I can train with them because it's too much pressure, but as far as diving goes, because the board gives staff and they haven't caused me any problems. So, that's why I'm doing it. So it now's time to make them heal.

TT: Do you feel like the fact that you've sustained a number of injuries through your sports career is going to hurt you later in life?

DH: I think the sacrifice is worth it.

TT: Well, I do realize that my motivation is higher than it was... in the long run it might not be worth it, but I think that the memories that I'm making through this time accomplishing will make me a better person in the long run.
How a Gymnast Became a Diving Champ

By Brian Chase

Doria M. Holbrook ’08 won the 3-meter platform and placed third in the 1-meter platform diving competition at the NCAA Division III Women’s Swimming and Diving Championships. The Tech interviewed her to get her feelings on diving, MIT, and being a national champion.

TT: How long have you been diving?
DH: I started diving as a freshman in high school, did the four high school seasons, and then came here and started diving.

TT: What got you into diving in high school?
DH: I did ten years of gymnastics, and when I was 11, I stopped doing gymnastics and played volleyball for a while. But, I wasn’t going that well, so I started going into high school, basically the day before volleyball tryouts, my mom said, “Well, have you ever thought of swimming?” I was like, “There’s no way I’m going to swim.” That’s almost as bad as distance running.” And so she was like, “Well, what about diving?” I said, “That would be awesome!” And so I called the swim coach and asked, “Do you have a dive coach? Can I be on your team?” He said, “Absolutely.”

TT: Do you think that your gymnastic early childhood helps in your diving ability? Do you have any ingrained tendencies that you think gives you an advantage?
DH: I was brought up not knowing if I was supposed to be upside down or right side up, so going into diving I’m totally comfortable being in the wrong direction and spinning and flipping and being aware of where my body is at and what it’s doing, and so it’s given me an advantage of people can’t ever learn.

TT: Why did you come to MIT?
DH: Were you approached by the coach for the swimming or diving team, or was it entirely an academic decision?
DH: I wasn’t going to dive in college. I was recruited for Division I pole vaulting—I’m a pole vaulter as well here. Coming to MIT was just... I had a great tour, and I really liked this school, and it was one of those things where you get into MIT, you can’t really say no. And so I just happened to ask, “Could I dive here, and pole vault?” And they said sure. So then I came.

TT: Do you view diving as a fun hobby or as a future profession? Have you decided?
DH: Right now it is just a hobby. I’m definitely thinking into taking it to another level and being more serious, but I don’t know that diving makes that much money, so I don’t know if it is a really a job-type thing.

TT: If diving at the moment is just a hobby, what are you thinking to go into? What are you studying at MIT?
DH: I’m going to go into mechanical engineering, and I don’t know where that is going to take me.

TT: What went through your mind while you were preparing to compete at Nationals?
DH: As I was getting ready for Nationals, I was just trying to stay calm and go through my dives in my head at a time, just as I had been doing them at practice. Basically I was trying to remember the way I was going to swim. That’s almost as bad as distance running.” And so she was like, “Well, what about diving?” I said, “That would be awesome!” And so I called the swim coach and asked, “Do you have a dive coach? Can I be on your team?” He said, “Absolutely.”

Doria M. Holbrook ’08 takes a practice dive after the conclusion of MIT’s first meet this season against the University of Pennsylvania at the UNC Asheville Natatorium. The Red Sox's shortstop for the foreseeable future.

Renteria Is Expensive But Worth The Sox’s Money

By Christopher Bettinger

Edgar Renteria has already etched his place in Red Sox history as the bat- ter who made the last out to end the World Series in 2004, and his signing has given Boston its first World Series crown in 86 years. A relatively high price tag, and here’s why.

Steve Piteo and the rest of the Red Sox brass obviously concluded that he is, indeed, worth the $10 million per year he signed.

Forking over $10 million annual- ly may not go as far today as it did 10 or 15 years ago, but it still might be enough to bring in a quality num- ber two starter with an earned run average (ERA) of around 3.50. Or perhaps a corner infielder or outfielder who puts up an on-base plus slug- ging percentage (OPS) between .900 and 950, with around 30 home runs.

So why the hell are we spending that kind of money on Renteria? Renteria’s performance in 2004 (.728 OPS with 10 HRs) fell in comparison to the big sluggers who are drawing in comparable salaries?

The answer is actually quite simple. Shortstop is one of the most demanding defensive positions in the game. Consequently, a player with an established defensive resume such as Renteria’s NL Gold Glove awards in 2002 and 2003 is highly valuable. His fielding per- centage (.983) and range factor (4.30) in 2004 are both significantly higher than the corresponding league averages (.973 and 3.94). I also sus- pect that the Red Sox brass were hypersensitive to the issue of defense at the shortstop position considering the rash of unearned runs due to Nomar Garciaparra’s inconsistency last season.

However, the hefty price tag for Renteria is not only a function of his defensive skills. Renteria’s offensive production was significantly lower in 2004 compared to his previous Silver Slugger award-winning years of 2000, 2002, and 2003. However, even in an off year, he still managed to offer up an OPS that was slightly above the NL average for shortstops (.723), despite playing half his games at Busch Stadium, which favors power hitters.

Obviously, the Red Sox are hope- ing that Renteria will return to the Rockwell Cage, 8 a.m.

Upcoming Home Events

Friday, April 1

Varsity Baseball vs. Fitchburg State College

Briggs Field, 3 p.m.

Saturday, April 2

Men’s Lightweight and Heavyweight Crew and Women’s Lightweight and Openweight Crew vs. various colleges

Charles River, 8 a.m.

MIT Balroom Dance Competition

Rockwell Cage, 8 a.m.

Varsity Sailing Boston Dinghy Cup and Women’s Joseph Dublin Trophy

Charles River, 9:30 a.m.

Varsity Softball vs. Smith College (doubleheader)

Briggs Field, 12 p.m.

Varsity Baseball vs. St. Michael’s College (doubleheader)

Briggs Field, 1 p.m.

Varsity Men’s Volleyball vs. Johnson & Wales University (doubleplay)

duPont Gymnasium, 1 p.m.

Varsity Men’s Lacrosse vs. Wheaton College

Steinbrenner Stadium, 1 p.m.

Sunday, April 3

MIT Balroom Dance Competition

Rockwell Cage, 8 a.m.

Women’s Openweight Crew vs. Buffalo and URI

Charles River, 9 a.m.

Varsity Sailing Boston Dinghy Cup and Women’s Joseph Dublin Trophy

Charles River, 9:30 a.m.

Monday, April 4

Varsity Baseball vs. Wentworth Institute of Technology

Briggs Field, 3 p.m.