Ken Reeves Elected Mayor of Cambridge

By Marie Y. Thibault

City Councillor Kenneth Reeves was elected and inaugurated to a four-year term as mayor of Cambridge on Jan. 2, replacing Councillor Michael Sullivan. Reeves, who ran against Councillor Denise Simmons, was elected by the Council in a five-to-four vote.

Reeves is far from new to the job. He was Cambridge’s mayor from 1992 to 1995, as the first black mayor in Massachusetts and America’s first openly gay black mayor, according to the Cambridge Chronicle.

According to the Cambridge Civic Journal, Reeves had the support of councillors Marjorie Decker, Anthony Galluccio, Sullivan, Timothy Toomey, and himself. Simmons received votes from Councillor Henrietta Davis, Brian Murphy, Craig Kelley, and herself. Reeves, Toomey, Kelley, and Simmons could not be reached for comment yesterday.

After Reeves received the majority, Davis, Murphy, and Simmons gave their votes to Reeves, to show their acceptance of his election. Kelley, however, did not switch his vote, because, as he told the Chronicle, he is “very cognizant of the fact that Denise has some kids in the [public] schools.” The mayor leads the Cambridge School Committee.

Kelley, who was elected last fall as the first non-incumbent councillor since 2001, said in his campaign platform that the “Cambridge Pub...
Israel Likely to Let East Jerusalem Palestinians Vote
By Greg Myre
THE NEW YORK TIMES
JERUSALEM

Two young brothers, ages 4 and 5, who have tested positive for the dreaded H5N1 avian virus but shown no symptoms of the disease were being closely watched at a children hospital here on Tuesday. Doctors are unsure whether they are for the first time seeing bird flu in its earliest stages or if they are discovering that the infection with the H5N1 virus does not always produce symptoms.

In any case, the highly unusual cluster of five cases detected here in Turkey’s capital over the last three days — all traceable to contact with sick birds — is challenging some of the doctors’ assumptions about bird flu and giving them new insights into how it spreads and causes disease. At the same time, it is raising the possibility that human bird flu is not as deadly as currently thought, and that many mild cases in Asian countries may have gone unreported.

The two brothers are a very interesting finding that may for the first time give us a chance to monitor the human response to the disease,” said Dr. Guenael Rodier, who is leading a World Health Organization team now in Turkey, who is leading a World Health Organization team now in Turkey.

SEC Plans Overhaul of Corporate Compensation Rules
By Stephen Labaton
THE NEW YORK TIMES
WASHINGTON

Outlining the details of his first major initiative, Christopher Cox, the new head of the Securities and Exchange Commission, said that the next week the agency would propose the most extensive overhaul since 1992 of the way companies disclose compensation to senior executives and directors.

“The marketplace for executive compensation has proceeded apace in the intervening decade and a half and the results have been an increasing amount of executive compensation that is escaping disclosure,” Cox told a group of reporters over lunch at the agency’s headquarters.

Cox said the agency would provide considerable assistance to investors, who are often unable to glean from corporate filings the total compensation paid to executives. But the rules will still fall far short of the ambitious corporate democracy proposals made for many years by stockholders and some lawmakers, including one proposal that would give the investors some say in setting pay scales.

“Once adopted, the new rules would provide us with a tool that we would oppose voting inside the city that both sides claim as their capital, because the ballots include candidates from Hamas, an Islamic faction that calls for Israel’s destruction.

Some Turkeys Have Bird Flu Virus But Lack Symptoms
By Elisabeth Rosenthal
THE NEW YORK TIMES
ANKARA, TURKEY

The Spanish police arrested 20 people on Tuesday in connection with a recruiting network that, according to the Interior Ministry, sent Islamic militants to join the insurgency in Iraq.

The operation shows once again that the government is in a precarious position, the Interior minister said, was harboring veterans of the Spanish Civil War and was one of the few countries in Europe that is helping identify promising recruits.

The negotiations involved European offers of economic incentives, including the sale of aircraft parts and talks to persuade trade partners. But Iran’s action has revealed its concern about such discussions for now.

“The Iranians have behaved so remarkably badly, it’s hard to believe that the international community will do anything other than put them in front of the ultimate court of international public opinion,” a European diplomat said, referring to the Security Council. “That is where the Iranians are heading.”

Kevin R. Gately
THE NEW YORK TIMES
WASHINGTON

Despite Western Opposition, Iran Reopens Nuclear Centers
By Steven R. Weisman
THE NEW YORK TIMES
WASHINGTON

The negotiations involved European offers of economic incentives, including the sale of aircraft parts and talks to persuade trade partners. But Iran’s action has revealed its concern about such discussions for now.

“The Iranians have behaved so remarkably badly, it’s hard to believe that the international community will do anything other than put them in front of the ultimate court of international public opinion,” a European diplomat said, referring to the Security Council. “That is where the Iranians are heading.”

Kevin R. Gately
THE NEW YORK TIMES
WASHINGTON

Iran opened broad international negotiations on at least three of its nuclear facilities on Tuesday, clearing the way for uranium enrichment activities that Europeans and Americans say are crucial to setting up a framework toward making a nuclear weapon.

The Iranians said the steps were only for research on enriching uranium, and outside experts said Iran was still years away from producing enough fuel for a bomb.

The United States and its European allies condemned the action and stepped up a campaign to persuade the board of the International Atomic Energy Agency to refer Iran to the U.N. Security Council for possible sanctions, perhaps by the end of the month.

“It was unclear whether Russia and China would support a move toward sanctions, even though both called on us as recently as this weekend not to resume enrichment,” a European diplomat acknowledged that there was still an “obvious reluctance” by the two countries to “gang up on the Iranians.”

A senior administration official noted, however, that a Foreign Ministry statement in Moscow declared on Tuesday that Russia was “deeply disappointed by Iran’s declared decision” and recalled that a Russian envoy had “insistently advised them not to take this step” to visit Turkey and Syria.

“For the Russians, this is an absolutely serious escalation on the part of Iran on the nuclear issue,” said Sean McCormack, the State Department spokesman. “What you see here is the international community coming out and sending a very clear message to Iran that their behavior is unacceptable.”

German, French and British officials joined in assailing the Iranian action. Over the last year, the three nations persuaded the Bush administration to go along with their effort to negotiate with Iran to keep a freeze on its nuclear weapons program.

The negotiations involved European offers of economic incentives, including the sale of aircraft parts and talks to persuade trade partners. But Iran’s action has revealed its concern about such discussions for now.

“The Iranians have behaved so remarkably badly, it’s hard to believe that the international community will do anything other than put them in front of the ultimate court of international public opinion,” a European diplomat said, referring to the Security Council. “That is where the Iranians are heading.”

Kevin R. Gately
THE NEW YORK TIMES
WASHINGTON

Iranian leaders have been pushing for the reopening of three nuclear facilities that had been closed since 2004, when the United States and its European allies suspended処.

By Remick McLean
THE NEW YORK TIMES
WASHINGTON

porno

The Spanish police arrested 20 people on Tuesday in connection with a recruiting network that, according to the Interior Ministry, sent Islamic militants to join the insurgency in Iraq.

The operation shows once again that the government is in a precarious position, the Interior minister said, was harboring veterans of the Spanish Civil War and was one of the few countries in Europe that is helping identify promising recruits.

The negotiations involved European offers of economic incentives, including the sale of aircraft parts and talks to persuade trade partners. But Iran’s action has revealed its concern about such discussions for now.

“The Iranians have behaved so remarkably badly, it’s hard to believe that the international community will do anything other than put them in front of the ultimate court of international public opinion,” a European diplomat said, referring to the Security Council. “That is where the Iranians are heading.”

Kevin R. Gately
THE NEW YORK TIMES
WASHINGTON

Iran opened broad international negotiations on at least three of its nuclear facilities on Tuesday, clearing the way for uranium enrichment activities that Europeans and Americans say are crucial to setting up a framework toward making a nuclear weapon.

The Iranians said the steps were only for research on enriching uranium, and outside experts said Iran was still years away from producing enough fuel for a bomb.

The United States and its European allies condemned the action and stepped up a campaign to persuade the board of the International Atomic Energy Agency to refer Iran to the U.N. Security Council for possible sanctions, perhaps by the end of the month.

“It was unclear whether Russia and China would support a move toward sanctions, even though both called on us as recently as this weekend not to resume enrichment,” a European diplomat acknowledged that there was still an “obvious reluctance” by the two countries to “gang up on the Iranians.”

A senior administration official noted, however, that a Foreign Ministry statement in Moscow declared on Tuesday that Russia was “deeply disappointed by Iran’s declared decision” and recalled that a Russian envoy had “insistently advised them not to take this step” to visit Turkey and Syria.

“For the Russians, this is an absolutely serious escalation on the part of Iran on the nuclear issue,” said Sean McCormack, the State Department spokesman. “What you see here is the international community coming out and sending a very clear message to Iran that their behavior is unacceptable.”

German, French and British officials joined in assailing the Iranian action. Over the last year, the three nations persuaded the Bush administration to go along with their effort to negotiate with Iran to keep a freeze on its nuclear weapons program.

The negotiations involved European offers of economic incentives, including the sale of aircraft parts and talks to persuade trade partners. But Iran’s action has revealed its concern about such discussions for now.

“The Iranians have behaved so remarkably badly, it’s hard to believe that the international community will do anything other than put them in front of the ultimate court of international public opinion,” a European diplomat said, referring to the Security Council. “That is where the Iranians are heading.”

Kevin R. Gately
THE NEW YORK TIMES
WASHINGTON

Iranian leaders have been pushing for the reopening of three nuclear facilities that had been closed since 2004, when the United States and its European allies suspended処.

By Remick McLean
THE NEW YORK TIMES
WASHINGTON

The Spanish police arrested 20 people on Tuesday in connection with a recruiting network that, according to the Interior Ministry, sent Islamic militants to join the insurgency in Iraq.

The operation shows once again that the government is in a precarious position, the Interior minister said, was harboring veterans of the Spanish Civil War and was one of the few countries in Europe that is helping identify promising recruits.

The negotiations involved European offers of economic incentives, including the sale of aircraft parts and talks to persuade trade partners. But Iran’s action has revealed its concern about such discussions for now.

“The Iranians have behaved so remarkably badly, it’s hard to believe that the international community will do anything other than put them in front of the ultimate court of international public opinion,” a European diplomat said, referring to the Security Council. “That is where the Iranians are heading.”

Kevin R. Gately
THE NEW YORK TIMES
WASHINGTON

Iranian leaders have been pushing for the reopening of three nuclear facilities that had been closed since 2004, when the United States and its European allies suspended処.

By Remick McLean
THE NEW YORK TIMES
WASHINGTON

The Spanish police arrested 20 people on Tuesday in connection with a recruiting network that, according to the Interior Ministry, sent Islamic militants to join the insurgency in Iraq.

The operation shows once again that the government is in a precarious position, the Interior minister said, was harboring veterans of the Spanish Civil War and was one of the few countries in Europe that is helping identify promising recruits.

The negotiations involved European offers of economic incentives, including the sale of aircraft parts and talks to persuade trade partners. But Iran’s action has revealed its concern about such discussions for now.

“The Iranians have behaved so remarkably badly, it’s hard to believe that the international community will do anything other than put them in front of the ultimate court of international public opinion,” a European diplomat said, referring to the Security Council. “That is where the Iranians are heading.”

Kevin R. Gately
THE NEW YORK TIMES
WASHINGTON

Iranian leaders have been pushing for the reopening of three nuclear facilities that had been closed since 2004, when the United States and its European allies suspended処.

By Remick McLean
THE NEW YORK TIMES
WASHINGTON

The Spanish police arrested 20 people on Tuesday in connection with a recruiting network that, according to the Interior Ministry, sent Islamic militants to join the insurgency in Iraq.

The operation shows once again that the government is in a precarious position, the Interior minister said, was harboring veterans of the Spanish Civil War and was one of the few countries in Europe that is helping identify promising recruits.

The negotiations involved European offers of economic incentives, including the sale of aircraft parts and talks to persuade trade partners. But Iran’s action has revealed its concern about such discussions for now.

“The Iranians have behaved so remarkably badly, it’s hard to believe that the international community will do anything other than put them in front of the ultimate court of international public opinion,” a European diplomat said, referring to the Security Council. “That is where the Iranians are heading.”

Kevin R. Gately
THE NEW YORK TIMES
WASHINGTON

Iranian leaders have been pushing for the reopening of three nuclear facilities that had been closed since 2004, when the United States and its European allies suspended処.
Alito Pledges to Keep Open Mind About Abortion, Executive Power

By Richard W. Stevenson and Neil A. Lewis

WASHINGTON

Judge Samuel A. Alito Jr. pledged on Tuesday to bring an open mind to the Supreme Court on abortion rights and sought to rebut suggestions that he has an overly expansive view of presidential powers as he parried a barrage of questions at the heart of his confirmation battle.

In his first public give and take with the ten Republicans and eight Democrats on the Senate Judiciary Committee who will pass initial judgment on his fitness for the seat, Alito also tried to avoid locking himself into any specific position on executive authority in the recently disclosed warrantless eavesdropping program and in the way terrorism suspects and enemy combatants have been held.

The judge, who was frequently out of the question on executive authority.

Giving careful, limited answers to probing and sometimes aggressive questions about his views on abortion, Alito said he would give the court to the right on some of the most divisive issues facing the nation.

He said no president can operate outside the law and the Constitution, but he repeatedly dodged efforts to solicit his views on whether President Bush had exceeded his authority in the recently disclosed eavesdropping program and in the way terrorism suspects and enemy combatants have been held.

The judge, who was frequently defended by the panel's Republicans, addressed other issues that Democrats tried to use against him.

Under nine and a half hours of questioning on the second day of his hearing before the committee, Alito also tried to avoid locking himself into any specific position on executive authority.

While he did not commit himself to upholding or overturning the right to abortion, and he did not address whether he might support further incremental restrictions on abortions.

A group of parents are suing their small California school district to force it to cancel a four-week high school elective on intelligent design, creationism and evolution that it offers as a philosophy course.

The course at Frazier Mountain High School in Lebec, which serves a rural area north of Los Angeles, was proposed by a special education teacher in December and approved by the board of trustees at an emergency meeting on New Year's Day. The 11 parents are seeking a temporary restraining order to stop the course, which is held during the winter session that ends Feb. 3.

Last month, a federal district court in Pennsylvania ruled it was unconstitutional to teach intelligent design in a public school science class because it promoted a particular religious belief. After the ruling, people on both sides of the debate suggested it might be constitutionally permissible to examine intelligent design in a philosophy, comparative religion or social studies class.

But the parents, represented by lawyers with Americans United for Separation of Church and State, contend that the teacher is advocating intelligent design and "young earth creationism," and is not examining those ideas in a neutral way alongside evolution.

Intelligent design posits that biological life is so complex that it must have been designed by an intelligent force. Young earth creationism holds to the Biblical account of the origins of life and the belief that the earth is 6,000 years old.

The Environmental Protection Agency on Tuesday proposed the first major overhaul in 20 years in the way it calculates fuel economy ratings for cars and trucks, a shift the agency said would reduce mileage estimates by 5 percent to 30 percent, depending on the type of driving and kind of vehicle.

The new testing method, according to Stephen L. Johnson, EPA's administrator, would come much closer to bridging the "gap between what the window sticker says and what consumers can expect in their fuel economy." The EPA expects to introduce the changes starting with 2008 models, which will go on sale as early as a year from now.

Consumer groups have long complained that the EPA's ratings are far too optimistic, compared with fuel economy that drivers achieve under real-world conditions. Recent tests by Consumer Reports magazine, for example, found that EPA window stickers could be off by up to 50 percent.
Letters

To The Editor

Trump Trumps Nobel?

Last month, Mr. Pintkew was the apprentice-
ship, with a Kresge screening, much fanfare, and my department sending out almost 10 dif-
ferent e-mails about it. Another alumn, Robert Aumann, received a Nobel Prize. Not a single
e-mail. Is this a good thing?

Yushe Bouson

Corrections

A Nov. 8, 2005 article about MIT alumni launching a start-up for space exploration in-
correctly described the company’s fundraising efforts. The company, 4Frontiers, has raised
about $1 million in private investments, not $30 million. The company had set $30 million as a fundraising goal for construction of a research and outreach center.

As recently pointed out by a reader, a Nov. 1, 1994 review of the film “Oleanna” incor-
rectly gave the name of the female character throughout the review. She is named Carol, not Olena.

“Now we know how many citations it takes to actually make the mine safer.”

Opinion Policy

Editorials are the official opinion of The Tech. They are writ-
ten by the editorial board, which consists of the chairman, editor in
chief, managing editor, opinion editors, a senior editor, and an opin-
ion staffer.

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

Letters to the editor, columns, and editorial cartoons are writ-
ten by individuals and represent the opinion of the author, not neces-
sarily that of The Tech or the MIT community.

Letters, columns, and cartoons must bear the author’s signature,
addresses, and phone numbers. Unsigned letters will not be accepted.

The Tech reserves the right to edit or condense letters; shorter let-
ters will be given higher priority. Once submitted, all letters become
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 as columns. Col-
uumns without italics are written by Tech staff.

To Reach Us

The Tech’s telephone number is (617) 253-1541. E-mail is the eas-
est 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 di-
rected 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
The Future Is When?!

Bill Andrews

My goodness. It's already 2006. Just stop for a moment, and take a good look around. Most of you are old enough to remember how things were 10 years ago — is this what you thought the future would be like? For instance, am I very disappointed that there haven't been better advances in electric or flying cars (though, in fairness to the propheesy, those won't be in style till 2015 at the latest)? And where are the jetpacks and moon bases predicted in the 1950s? The answer is no and no, of course. What have we been doing all these years, exactly? I am, of course, no Asimov, but it was impressive to me to consider the dozens of world leaders who probably used quantum something. Not so long ago hearing we're right on the brink of doing everything from stopping time to beaming people into the past. In the 19th century, but my man — nay, our man — Jules Verne foretold it all. Not how it worked, of course, his no Asimov, but it was impressive nonetheless. Even Star Trek, that show so campy it has its own Scooby-Doo cartoon, had some good stuff in it. I mean, their high tech communicators were just cell phones, right? Anti-matter fuel? Pretty cool. And beaming people around like there's no tomorrow? Well, I'm always hearing 'we're on the brink of doing this' and this. And we're not. It's only just now possible for things to be fine. It's only just now possible for things to be fine. I should know. As some of my friends can tell you, I actually stumbled onto this bit of the future some time ago. For years, I tried using it and introducing people to it, earning only funny stares and derisive laughter for my troubles. I should have known it was not yet time. After I saw fine wasn't going anywhere, I gave up on it, detoxed, demonstrated, defeated. But then 2006 dawned, and in a conversation with my fiancée she's right that it hit me: fine's time had come.

Thus is the future unveiled once more (thanks to me, of course). The new year is upon us, and some crazy stuff's gonna go down, I just know it. Okay, so the first major discovery was mine, don't let it get you down. And the future is now! Sure, not the flashy, shiny, jetpack future of the future where I am: it's just one word, but as you read it, know that you will be a part of a historic presenting of the future. Fine.

That's right. Fine. It's pronounced "fin-e." And if you don't have a cool word processor that can do an accent, just go with fine'. It's like street fine. Now, what does it mean? Fine cannot be described, it can only be felt.

"Oh, man, look at that fine car! That's incredible!"

"Darling, you look absolutely fine in that outfit."

"How ya feelin'?" "Aw, baby, watch out, I'm feeling fine tonight!"

I think you get the drift. Fine is just that extra something you get from living in the future. The camera woman hanging up the phone, the families waiting. And I think about these kids — how will they be affected? Will this ruin Christmas forever? Will the six-month-old child waiting behind me remember this day in infamy? Will (s)he lose all faith in fat men dressed in red? And then I see my friends waiting with the camera and I think about what Santa told me, and I realize that he's right: at some point I have to stop dissecting the situation and learn to be able to go through with this or any other venture. And for the first time, my mind is clear.

The next few seconds come as a blur: one moment I was paralyzed and then next I was topsy-turvy on Santa's lap, legs kicked in the air, grinning like an idiot. And then I re-member one of my friends grabbing me, throwing on my coat, and the four of us running out the door, grinning like an idiot.

But then people started posting com-ments calling me out, telling me I'm chicken, saying that my face looks like Abe Lincoln'. Well, I'm always hearing we're on the brink of doing this and this. And we're not. It's only just now possible for things to be fine. It's only just now possible for things to be fine. I should know. As some of my friends can tell you, I actually stumbled onto this bit of the future some time ago. For years, I tried using it and introducing people to it, earning only funny stares and derisive laughter for my troubles. I should have known it was not yet time. After I saw fine wasn't going anywhere, I gave up on it, detoxed, demonstrated, defeated. But then 2006 dawned, and in a conversation with my fiancée she's right that it hit me: fine's time had come.

Thus is the future unveiled once more (thanks to me, of course). The new year is upon us, and some crazy stuff's gonna go down, I just know it. Okay, so the first major discovery was mine, don't let it get you down, you all have the rest of the year! If my fine experience has shown me anything, it's that the future is worth wait-ing for, and worth fighting for, it haunts me that if only I'd insisted, fine might have been ready for use months ago. So go ahead and invent some amazing stuff you engineers, discover unthinkible laws scientists, do some... good... uh, calculus mathematicians. And stay cool humanities majors, don't worry about what anyone else thinks. Above all, though, keep striving to bring the future closer and closer. After all, you know what they say — "Time waits for no man, but the future's one lazy slacker."

Well, they're not saying it yet...
Attention Juniors

Are you interested in spending a summer at McKinsey & Company to gain valuable skills and consulting experience?

Resume Deadline: January 13th
www.mckinsey.com/mit

Please visit www.mckinsey.com/mit if you want to learn more about our 2007 full-time BA Program.
Trio

Pssst...Sykes!
Oh. Hey, Ninja Girl.
Long time no see.

What’s with the outfit?
I’m disguising myself as a man because I don’t want Ayane to know I spoke with you today.

Well, if that’s your intention, maybe you should have disguised yourself as a woman. That way NO ONE would have recognized you.

Umm, yeah...
that sword “almost” hit me.

Stupid monocle.

Check out bonus comics at ALUM.MIT.EDU/WWW/EMIE

by Emezie Okorafor

www.phdcomics.com

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

Solution on page 11.
Brody to Stay at MIT
As Theater Professor

Brody, from Page 1

Brody’s most recent accomplish-
ment among many is winning the
Bloomington Playwrights Project
Reva Shiner Full Length Play Con-
test for his work “The Housewives
of Mannheim,” which deals with ho-
mosexuality and anti-Semitism. The
Indiana-based BPP will show a pro-
duction of Brody’s work from Feb. 9
to 25.

Biology Will Admit Its
Own Undergraduates

Biology, from Page 1

Although diversity of under-
graduate institution is a factor in
classes, Bell said.

Nationally, Brody helped lead
Teachers as Scholars, through which
university faculty lead seminars for
K-12 teachers on humanities, arts and
sciences, and interdisciplinary topics.
President Hockfield said in the
press release that “As associate pro-
ject for the arts, Alan Brody has
fostered a climate where the talents
and imagination of our faculty and
students can find these fullest artistic
expression.”

As Theater Professor

Brody, from Page 1

Brody’s most recent accomplish-
ment among many is winning the
Bloomington Playwrights Project
Reva Shiner Full Length Play Con-
test for his work “The Housewives
of Mannheim,” which deals with ho-
mosexuality and anti-Semitism. The
Indiana-based BPP will show a pro-
duction of Brody’s work from Feb. 9
to 25.

Biology Will Admit Its
Own Undergraduates

Biology, from Page 1

Although diversity of under-
graduate institution is a factor in
classes, Bell said.

Nationally, Brody helped lead
Teachers as Scholars, through which
university faculty lead seminars for
K-12 teachers on humanities, arts and
sciences, and interdisciplinary topics.
President Hockfield said in the
press release that “As associate pro-
ject for the arts, Alan Brody has
fostered a climate where the talents
and imagination of our faculty and
students can find these fullest artistic
expression.”

Read

The Grand Unified Theory of Physics
by
Joseph M. Brown

Discover a newtonian mechanism for electron diffraction
• When individual electrons impact a target with one hole a bell-shaped pattern
is produced on the electron counter.
• When individual impacts of electrons impact a two holes they produce an interference pattern on the counter. Why?
• The electrostatic field of an electron is very large compared to the electron
size. At each impact of a two-hole target part of the field passes through one hole
and part passes through the other.
• Depending upon where along the electron wave the target and electron impact
determines how the two split waves will combine and thus where it will impact the
counter.

For more information and to access the book, visit www.physicsunifiedtheory.com

Get Your Copy
of The Grand Unified Theory of Physics
Amazon.com
BarnesandNoble.com
CampusBookMart.com
Order from Your Local Bookstore

Also available at most U.S. College Libraries
Published by Basic Research Press
Starkville, MS 39759 Ph: (662) 323-2844
ISBN 0971294461
$29.95
©2005 Basic Research Press
Councillors are willing to send their kids to our public schools.”
Reeves agreed that education is a high priority, saying that one of his goals was to “give every student an education that equips them to succeed in the 21st century,” according to the Chronicle.
Sullivan said that he talked to Reeves about the importance of continuing to push forward recent improvements in the school system.
After Reeves was elected, the councillors elected Toomey as vice mayor. The same five councillors who initially voted for Reeves also gave Toomey their votes, while the four Simmons supporters, including Simmons, voted for Murphy. Once it was determined that Toomey had the majority, Davis, Kelley, Murphy, and Simmons gave their votes to Toomey, according to the Cambridge Civic Journal.
Following his most recent election to the mayoralty, Reeves told the Chronicle that Cambridge has “changed dramatically” since 1995 and that its middle class is disappearing.
In addition to supporting Cambridge’s biological sciences industry, according to the Chronicle, Reeves believes that many people are currently being forced out by the high cost of housing, and Cambridge must be made into a city where all of its citizens can stay.
Sullivan, who served as mayor for the last four years, said in an interview that although he would have enjoyed an opportunity to run for mayor again, he would like to spend more time with his two children, who are five and seven years old. Looking back, he said he has made major accomplishments in education, by providing leadership that did not exist in the past and encouraging the school committee to be more critical. He said he also promoted a literacy initiative by stressing the need for daycare providers and community members to take a role in creating earlier childhood literacy.

THANK YOU M.I.T.

Please direct all inquiries to the “M.I.T. Purchase Program.”

BOSE Corporation 1-800-444-BOSE

Thank you to Students, Faculty, Staff and Employees of M.I.T.

Bose Corporation was founded and built by M.I.T. people. Our success in research and in business is a result, in no small part, of what M.I.T. has done for us. As one measure of our appreciation, we are extending special purchase privileges to all students and employees of M.I.T. for their personal use.

MACROEPIDEMIOLOGY

TR 3-4.30 56-180

William G. Thilly ’67 thilly@mit.edu
Professor of Genetic Toxicology and Biological Engineering Baker Awardee for Undergraduate Teaching

SEE THE MOVIE...READ THE BOOK “GLORY ROAD” AVAILABLE NOW WHEREVER BOOKS ARE SOLD
OPENS FRIDAY, JANUARY 13, AT A THEATRE NEAR YOU

GLORY ROAD
and Technology, Bonvillian wrote of the challenges science faces as its federal budget tightens. “Federal budget deterioration, which will worsen with structural demographic and entitlement pressures, threatens the viability of our federal R&D capacity,” he wrote. “We have an initial signal of that problem as annual appropriations for the National Science Foundation fail to meet authorized levels.”

Industry support for research and development is not sufficient, he wrote, as “a decline in the robustness of federal research funding will have ramifications for the private sector’s innovation performance, and future prospects for federal research spending are grim.”

Like Hockfield, who often speaks of growing up in “the shadow of Sputnik” when the emphasis on physical sciences was stronger, Bonvillian has commented on benefits that the U.S. reaped from its Cold War investments in science and engineering, adding in the 2004 article that the “United States needs to fashion a new competitiveness agenda designed to speed the velocity of innovation to meet the great challenges of the new century.”

Bonvillian’s previous positions include partner in a national law firm and deputy assistant secretary for the U.S. Department of Transportation in the late 1970s. He has also taught at Georgetown University as an adjunct professor, and is slated to teach a seminar entitled “Innovation Systems for Science, Technology and Health” this spring.

Like Hockfield, who often speaks of growing up in “the shadow of Sputnik” when the emphasis on physical sciences was stronger, Bonvillian has commented on benefits that the U.S. reaped from its Cold War investments in science and engineering, adding in the 2004 article that the “United States needs to fashion a new competitiveness agenda designed to speed the velocity of innovation to meet the great challenges of the new century.”

International competitiveness of United States education will continue to decline without intervention.

Though Bonvillian’s title as director of federal relations will differ slightly from Vice President Crowley’s, their duties will be the same, and Bonvillian will report directly to MIT’s president as Crowley did, said MIT spokesperson Denise Brehm, who pointed out that Crowley began his years in the Washington Office as director for federal relations and was later named vice president.

Bonvillian earned a bachelor’s degree from Columbia in history, a master’s in religion from Yale, and a JD from Columbia School of Law.

Though Bonvillian’s title as director of federal relations will differ slightly from Vice President Crowley’s, their duties will be the same, and Bonvillian will report directly to MIT’s president as Crowley did, said MIT spokesperson Denise Brehm, who pointed out that Crowley began his years in the Washington Office as director for federal relations and was later named vice president.

Bonvillian earned a bachelor’s degree from Columbia in history, a master’s in religion from Yale, and a JD from Columbia School of Law.

Though Bonvillian’s title as director of federal relations will differ slightly from Vice President Crowley’s, their duties will be the same, and Bonvillian will report directly to MIT’s president as Crowley did, said MIT spokesperson Denise Brehm, who pointed out that Crowley began his years in the Washington Office as director for federal relations and was later named vice president.

Bonvillian earned a bachelor’s degree from Columbia in history, a master’s in religion from Yale, and a JD from Columbia School of Law.
UPCOMING HOME EVENTS
Thursday, Jan. 12, 2006
Varsity Men's Basketball vs. Rhode Island College, 7 p.m., Rockwell Cage
Saturday, Jan. 14, 2006
- Varsity Wrestling vs. Trinity College, Worcester Polytechnic Institute, Williams College, 12 p.m., du Pont Gymnasium
- Varsity Women's Swimming and Diving vs. Brandeis University and Colby College, 1 p.m., Zesiger Sports Center
- Varsity Men's Swimming and Diving vs. Brandeis University and Colby College, 1 p.m., Zesiger Sports Center
- Varsity Men's Basketball vs. Babson College, 2 p.m., Rockwell Cage
Tuesday, Jan. 17, 2006
- Varsity Women's Basketball vs. Wheaton College, 5 p.m., Rockwell Cage
- Varsity Men's Basketball vs. Clark University, 7 p.m., Rockwell Cage
- Varsity Women's Basketball vs. Wheaton College, 5 p.m., Rockwell Cage
- Varsity Men's Basketball vs. Babson College, 2 p.m., Rockwell Cage
- Varsity Men's Swimming and Diving vs. Brandeis University and Colby College, 1 p.m., Zesiger Sports Center
- Varsity Women's Swimming and Diving vs. Brandeis University and Colby College, 1 p.m., Zesiger Sports Center
- Varsity Wrestling vs. Trinity College, Worcester Polytechnic Institute, Williams College, 12 p.m., du Pont Gymnasium
- Varsity Women's Basketball vs. Wheaton College, 5 p.m., Rockwell Cage
- Varsity Men's Basketball vs. Babson College, 2 p.m., Rockwell Cage

SPORTS
Coast Guard Trounces Women's Basketball Team in 78-52 Win

By Mindy Brauer
ASSISTANT DIRECTOR OF SPORTS INFORMATION

A dominating performance from three-point range helped lead the U.S. Coast Guard Academy to a 78-52 win over MIT in New England Women's and Men's Athletic Conference (NEWMAC) women's basketball action on Saturday. The Bears (3-4, 2-0 NEWMAC) made 14 of 29 shots from behind the arc while shooting 9 of 24 from the floor. Jen Makowski came off the bench for Coast Guard to finish with a game-high 22 points on 8 of 9 shooting, including five treys. Kimberly E. Soo Hoo '08 paced the Engineers (3-5, 0-2 NEWMAC) with 12 points and six assists.

Tech maintained a six-point lead for the first five minutes of the contest until threes from DeCarol Davis and Laura Hutchinson knotted the game at 10-10. A pair of lay-ups by Karen A. Kinnaman '06 and a free-throw from Sharen M. Prange '07 put MIT ahead by five. Coast Guard tallied seven unanswered points, resulting in its first lead at the 8:54 mark. Baskets from Clara J. Yuan '09 and Soo Hoo put the Engineers up, 19-17, within a minute. The Bears took the lead for good on a trey from Makowski at 7:05, sparking an 8-0 run during the next 1:30. Coast Guard entered the intermission with a 36-27 advantage.

MIT quickly got on the scoreboard in the second quarter, with Soo Hoo sinking a jumper after four seconds had expired. Davis countered with a three-pointer for a 39-29 lead. The Engineers cut the deficit to one in a span of two minutes. The Bears responded with an eight-point spurt that ended with 12:38 remaining on the clock. Jumpers from Soo Hoo and Andrea J. Dooley '06 brought Tech within five (47-42) two minutes later. However, it would be as close as MIT would get after a four-point play by Makowski at 9:46 shifted the momentum to Coast Guard. The Bears went on to outscore the Engineers, 27-10, to close the game.

Yuan finished with 11 points for Tech while Kinnaman and Samantha O'Keeffe '09 each contributed eight. Davis totaled 14 points while Mary Prange paced MIT on the boards with seven rebounds as Kinnaman collected six.

Natalie Moyer and Davis also finished with double-digit scorers for Coast Guard. Moyer posted 21 points, including a 10 of 11 performance from the free-throw line, and added six rebounds and four steals. Davis totaled 14 points while Mary Arvidson grabbed a team-high seven caroms. Hutchinson and Arvidson both dished out five assists.

The next game for MIT will be on Wednesday, Jan. 11 at 7 p.m. when it travels to Brandeis University.

Women's Ice Hockey
Megan Irving's two goals and five assists helped lead the University of Southern Maine to a 10-2 victory over MIT in ECAC East women's ice hockey action on Saturday. The win lifts the Huskies to 4-10-0 on the season and 0-4-0 in conference play.

The Engineers' record drops to 0-7-0 overall and 0-4-0 in the ECAC East.

The Huskies opened the scoring 4:02 into the contest when Amy McNally converted a pass from Irving. Caitlin Tassone provided an assist at the 1:56 mark.

Katie Quartuccio and Irving collaborated on back-to-back scores midway through the second period. The first proved to be the game-winner at 7:14 while the second was a power-play goal. Kelly Connors extended Southern Maine's lead to 5-0 by connecting on a feed from Stephanie King. MIT ended the shutout at 8:28, bringing the score to 8-2.

Southern Maine's next goal came from Quartuccio at 11:12, giving her a hat trick and giving McNally a third assist in the frame. Caitlin Cashman added the Engineers' lone goal late in the period, resulting in a 9-1 final score.

Irving scored 35 seconds into the third period just as a power-play expired on passes by Amy McNally and Quartuccio. The Huskies netted two more goals before Tech's Sara E. John '09 recorded an unassisted tally at 8:28, bringing the score to 8-2.

Southern Maine's next game will come from Quartuccio at 11:12, giving her a hat trick and giving McNally a third assist in the frame. Caitlin Cashman closed the scoring a minute later on an unassisted goal.

Sally W. Simpson '09 collected 48 saves for the Engineers while Jen Anno stopped 30 shots for the Huskies.

The next game for MIT will be on Saturday, Jan. 14 when the Engineers travel to Rochester Institute of Technology.