Imagine that it is orientation week. There is free food everywhere and many parents of freshmen who are almost more excited than the students themselves. Some of these students and parents probably met Matthew A. Ciborowski ’08 during orientation, though they may not have known it. Ciborowski, you see, was dressed as MIT’s friend, Tim the Beaver. The perfectly cheerful Tim can be sighted petulantly displaying in a chubby-cheeked grin. “oohed and ahhed” and told their kids were very excited about Tim. They gave their parents “looks of death.”

Students have to agree in writing to be allowed to smoke in their rooms, according to an MIT News Office press release. The form was created in compliance with the “university Dormitory rooms and in buildings to which the public is permitted access, including student residences that are occupied by one or more students, all of whom are smokers, who have requested in writing to be placed in rooms where smoking is permitted by the University.” If all residents of the dormitory rooms where smoking is permitted agree in writing to smoking in the rooms, the student will receive a smoking agreement form and will be allowed to smoke in their rooms. The form is available online at http://www.student.affairs.mit.edu.

The final report of the Task Force on the Undergraduate Education Commons will be discussed. The Student Advisory Committee on the Task Force on the Undergraduate Education Commons will give their feedback and perspectives on the Task Force’s recommendations on the Task Force on the Undergraduate Education Commons. The committee will discuss the report and commit it to the Committee on the Undergraduate Program. CUP would make specific policy recommendations to be brought back to the committee for another vote. According to Robin Smedick, the assistant director of Housing, one of the student concerns is what the information will be used for. “The forms and information gathered will be housed in the Undergraduate Housing’s Central Office’s secure database to protect the privacy of our students,” the e-mail said.

Smoking Preference Required in Writing
Policy Updated For Existing City Ordinance
By Valery K. Brodkey

The Housing Office has introduced an online “Housing Smoking Agreement Form” for use by residents of six undergraduate dormitories who wish to request permission to allow smoking in their rooms. The form was created in compliance with the Cambridge ordinance that includes a line which states that students who decide to make smoking in their rooms. According to this exception to the “university Dormitory rooms occupied by one or more students, all of whom are smokers, who have requested in writing to be placed in rooms where smoking is permitted by the University.” If all residents of the dormitory rooms where smoking is permitted agree in writing to smoking in the rooms, the student will receive a smoking agreement form and will be allowed to smoke in their rooms.

According to Robin Smedick, the assistant director of Housing, one of the student concerns is what the information will be used for. “The forms and information gathered will be housed in the Undergraduate Housing’s Central Office’s secure database to protect the privacy of our students,” the e-mail said.

Smoking, Page 11

In Short

A town hall meeting will be held on Sunday at 2 p.m. in the Bush Room. The report of the Task Force on the Undergraduate Educational Commons will be discussed. The Student Advisory Committee on the Task Force on the Undergraduate Educational Commons will be compiling student feedback. E-mail edcomm-sac@mit.edu.

Student group ownership will be discussed in an open meeting of the Undergraduate Association Senate Monday at 8 p.m. on the fourth floor of the Student Center. The report of the Task Force on the Undergraduate Education Commons and Orientation is also on the agenda.

The Angen Scholars Program selected MIT as one of 10 program sites and also as the national program office. MIT will receive two $3 million grants, according to an MIT News Office press release. Both grants will last four years. One will fund summer research positions for 30 students, half of whom will be from MIT, while the other grant will fund the activities of the program’s national office.

The Institute of Medicine of the National Academy of Sciences inducted three MIT professors — Timothy M. Swager of chemical engineering, Rudolf Jaenisch of biology, and Susan L. Lindquist of biology — into its ranks.

The Geometry of Science and Arts inducts three MIT professors — Timothy M. Swager of chemical engineering, K. Dinesh Kini of economics, and Joshua Angrist of economics — according to an MIT News Office press release. Institute Professor Emilio Bizzi was also inducted as the 44th president of the Academy.

Send news information and tips to news@tech.mit.edu.
Firm Reports Stem Cell Advance For Diabetes
By Andrew Pollack

Scientists at a small California biotechnology company reported Thursday they had developed a process to turn human embryonic stem cells into pancreatic cells that can produce insulin and other hormones.

The work by the company, Novocell, based in San Diego, is a step toward using embryonic stem cells to replace the insulin-producing cells in the bodies of patients with Type 1 or, juvenile, diabetes. Years of research remain, however, before a therapeutic approach can be put to use.

Embryonic stem cells can potentially be turned into any type of tissue in the body, and scientists are trying to figure out how to form various types.

Other researchers have previously reported turning various types of human or animal stem cells into cells that produce insulin. But the new work, published online Thursday by the journal Nature Biotechnology, represents a significant advance, some experts said.

“It provides some very strong evidence that it will be possible to make insulin producing pancreatic beta cells from human ES cells in a culture dish,” said Dr. Mark A. Magnuson, a professor at Vanderbilt University, in an e-mail message. He said the scientists at Novocell had achieved an efficiency of cell conversion and insulin production in “orders of magnitude higher than anything previously accomplished.”

Two Big Deals Make Hong Kong No. 1 in 2006 IPOs
By Keith Bradsher

Hong Kong is set to become a real capital in world markets. More money will be raised on its exchanges this year than on the biggest exchanges in New York and London.

And on Friday, pricing will set for the world's largest offering ever, that of China’s Bank of China, Industrial and Commercial Bank of China.

This week, long lines of individual investors showed up at downtown stalls to grab prospects for the bank's initial public offering, while institutional investors have snapped the underwritings with ease.

The offering, scheduled Oct. 27, is expected to raise $16 billion in Hong Kong. And in a twist from traditional offerings, the company will also raise about $6 billion in Shanghai that day.

Fearing Losses, GOP Leaders Spread Blame
By David Kirkpatrick

Tax cutters are calling evangelicals bullies. Christian conservatives say Republicans in Congress have let them down. Hawks fault President Bush for bungling the war in Iraq. And many conservatives blame conservative leaders are pointing fingers at one another in an increasingly gloomy view of many conservatives about the outcome on Election Day. “And they will all be somebody else.”

Whether the election will bear out their pessimism remains to be seen, and the factors that contribute to an electoral defeat are often various.

Expecting to carry out their campaign promises with legislation to lower drug costs for older Americans, provide more money for children’s health insurance and expand research using embryonic stem cells.

Many Democrats in the House and the Senate say they want federal officials to negotiate directly with pharmaceutical companies to obtain lower prices for Medicare beneficiaries. The 2003 Medicare law explicitly prohibits such negotiations.

Rep. Nancy Pelosi of California, the House Democratic leader, said that if Democrats were in control, they would try to repeal that ban in the first 100 hours after the House convenes.

Private insurers already negotiate drug discounts for Medicare beneficiaries, but Democrats say the government could get a better deal.

“I don’t know that we could undo all the private plans,” said Rep. Peter Stark of California, who would be chairman of an important health subcommittee if Democrats were in the majority. “But at least we could offer a government-administered drug benefit. Under the existing program, we virtually guarantee the insurance companies against loss, which is a ludicrous position for us to be in.”

For their part, House Democrats have felt powerless to shape the health care agenda. Now they remain a major opportunity. Not only are they using health care as an issue in the midterm elections, but they also plan to use it to set the stage for the 2008 presidential campaign.

Chris Murphy, the Democrat challenging Rep. Nancy L. Johnson in Connecticut, has attacked her role in writing the 2003 Medicare law, which Johnson takes credit for helping “millions of seniors.”

In Ohio, the Democratic candidate for the Senate, Rep. Sherrod Brown, repeatedly points out that the number of uninsured has increased by more than five million since President Bush took office.

Embryonic stem cell research has been a defining issue in Senate races in Arizona, Maryland, and Pennsylvania. Republicans are not ceding these issues to Democrats.

In a recent television commercial, Rep. John E. Sweeney, a four-term Republican from upstate New York, boasts that he has “come through for every hospital in this part of New York — every one.”


On Capitol Hill, the Democratic agenda faces three significant constraints: Bush, fiscal reality and industry resistance.

Any move to allow direct federal negotiation of drug prices would be opposed by the White House, most congressional Republicans and drug companies, which stand to lose more than any other industry if Democrats take control of Congress.

Drug companies worked closely with Republicans to pass the 2003 Medicare law, and drug makers have overwhelmingly favored Rep. Nancy Pelosi of California, the House Democratic leader, said Rep. Peter Stark of California.

“The kids figure out how to blow the whole place up,” said the professor, Brian F. Woodfield of Brigham Young University, where the work was done.

When the Internet was just begin- ning to shake American education, a chemistry professor photographed thousands of test tubes holding mole- cular solutions and, with video game designers, created a simul- ated laboratory that allows students to mix chemicals in virtual beakers and watch the reactions.

In the years since, that virtual chemistry laboratory — as well as other simulations allowing students to dissect virtual creatures or to peer into tidal pools as search of virtual amphibian larvae — has become a widely used science teaching tool.

The virtual chemistry laboratory alone has shown that 150,000 students sat at computer terminals around the country to try experiments that would be too costly or dangerous to do at their local high schools.

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“Some kids figure out how to blow things up in half an hour,” said the prof- essor, Brian F. Woodfield of Brigham Young University, where the work was done.

Now, however, a dispute with po- tentially far-reaching consequences has flared over how far the Internet can go in displacing the brick-and-mortar laboratories.

Prompted by skeptical university professors, the College Board, one of the most powerful organizations in American education, is questioning whether Internet-based laboratories are an acceptable substitute for the hands-on cultivation of gels and peering through microscopes that have long been essential ingredients of Amer- ican laboratory science.

As part of a broader audit of the thousands of high school courses that display its Advanced Placement trade- mark, the board has recruited panels of university professors and experts in Internet-based learning to scrutinize the quality of online laboratories used in Web-based AP science courses.

Professors believe their simulations can be really good, that they use them to supplement their own lab work, but that they’re concerned about giving credit to students who have never “been there, have any experience in a hands-on lab,” said Trevor Puckor, the board’s executive director for Advanced Place- ment. “You could have students going straight into second-course college sci- ence courses without ever having used a Bunsen burner.”

Internet-based, educators are seek- ing to persuade the board, and the pub- lic, that their virtual laboratories are educationally sound, pointing out that their students earn high scores on the AP exams. They also say online labora- tories are often the only way advanced science can be taught in isolated rural schools or impoverished urban ones.

WWW: Wicked Windy Weekend
By Ceggon Chan

Today: Long brush showers, heavier in the afternoon. Increasing winds. High 60°F (15°C).

Tonight: Much cooler, windy with gusts up to 50 mph. Low 39°F (4°C).

Tomorrow: Mostly sunny with winds 15 to 20 mph. High 59°F (15°C).

Tomorrow night: Mostly clear, winds 10 to 15 mph. Low 39°F (4°C).

Sunday: Mostly sunny. High 59°F (15°C).
Some Foreign Organization Operations note, which moves in the opposite di
THE NEW YORK TIMES
Dow Closes Above 12,000 Mark
October 20, 2006
ahead, the stock market’s performance
The Dow, a well-known though
Some New Russian Law Temporarily Halts
Cuts in News Staff
By Jacques Steinberg
By Mark Mazetti
Iraq Propaganda Did Not Violate
Cloaking Copper, Science Steps
To North Korea, Step Up Pressure
By John Schwartz

New Russian Law Temporarily Halts

World & National

Page 2

THE TECH

N.B.C. says Viewers Won’t Notice

By Joseph Kahn

By Bykis Bajaj

Dow Closes Above 12,000

The yield on the 10-year Treasury note, which moves in the opposite di

Dow Closes Above 12,000 Mark

Toward Invisibility

Cuts in News Staff

Were spending too much time with young pages.

Washtenaw County

By Jeff Zeleny

New Russian Law Temporarily Halts

Some Foreign Organization Operations

By C.J. Chivers

By John Schwartz

Some foreign organization oper

Invisibility has long been the stuff of fantasy, from Plato’s story of

Iraq Propaganda Did Not Violate

Law, Pentagon Report Says

An American military propaganda campaign that planted favori

Cloaking Copper, Science Steps Toward Invisibility

WASHINGDON

Toward Invisibility

New Russian Law Temporarily Halts

Some Foreign Organization Operations

By C.J. Chivers

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Letters To The Editor

The Tech: Underachieving

Where did this paper go wrong? While some articles excel at taking advantage of MIT's amazing ability to attract notable persons from all over the world and hear their thoughts in an informal setting, like the recent interview with the Prime Minister of Trinidad and Tobago, others fail, like the interview with Jeff Bezos, the CEO of Amazon.com, "Bezos: Pimp My Segway" (Oct. 17, 2006).

What is most disheartening about this interview is that right now, very exciting and interesting events have been taking place at Amazon.com. While I revered at the mention of the Banditokratos tank, I was incredibly disappointed to see that (unfortunately) Amazon was trying to create a new service where they rent out their computing power, a move that (unfortunately) snatches horribly of the "bandwidth trading" market that Easton was trying to create before their fall. These services are wildly different, but the mere comparison would have gotten Jeff Bezos talking. Wouldn't it have been cool to find out how this enterprise move that (unfortunately) smacks horribly of the "bandwidth trading" market that Easton was trying to create before their fall. These services are wildly different, but the mere comparison would have gotten Jeff Bezos talking. Wouldn't it have been cool to find out how this enterprise

The diver on the back cover of the Oct. 17 issue is Kristin L. Uhmeyer '09, not Lauren P Ciccioppo '10.

Opinion

Opinion Policy

Editorials are the official opinion of The Tech. They are written by the editorial board, which consists of Chairman Aditya Kohli, Editor-in-Chief Marie Y. Thibault, Managing Editor Michael McGraw-Herdeg '07, and Opinion Editor Aditya Kohli.

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

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions cannot be accepted and should be sent to letters@the-tech.mit.edu. Hard copy submissions will be addressed to The Tech, P.O. Box 379209, Cambridge, MA 02139-7209, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors’ signatures, addresses, and phone numbers. Unsigned letters will not be accepted. The Tech reserves the right to edit or condense letters, shorter letters will be given higher priority. Once submitted, all letters become property of The Tech, and will not be returned. The Tech makes no commitment to publish all the letters we receive.

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 The Tech staff.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@the-tech.mit.edu. Please send press releases, requests for coverage, and information about errors that call for correction to news@the-tech.mit.edu. Letters to the editor should be sent to letters@the-tech.mit.edu. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.

Letters To The Editor

One Muslim's Laudable Message to His People

I hereby laud Mr. Wyne's imploring message to fellow Muslims in his Oct. 13 opinion column, "One Muslim's Message to His People." As another proud Muslim, I also believe that we Mus- lims should first become responsible for our own actions and be able to rectify ourselves before we can expect this same respect from other com- munities. I also concur that as young Muslims we should honor the legacy of our faith, and for the sake of our ummah and the world at large, we must continue to build bridges and assume a place in civil society. As MIT students living in the Western world, as the intellectuals of today and tomorrow, we do not have a large burden on our shoulders, but we are also in an optimal place to re-start Mr. Wyne's revolution of the pen and heart.

Rami Charna G
Jillian Berry
March 2

A Cappella Groups Make Some Noise at GBIS
Logs Steal the Show With Smiles and Costumes

Log's performance of “Kryptonite” by 3 Doors Down. Ted A. Fernandez '09 then sang Third Eye Blind's “Deep Inside of You.” Although his voice was robust and melodic, I felt the song was a little slow, and there was not enough variation to grab my attention. Resonance finished with Koyal Bhattacharyya '09 singing Christina Aguilera’s “Fighting.” Bhattacharyya was amazing with her unbelievably strong voice and confidence. Although she could not hit some of the highest notes, her performance was incredibly powerful.

The final group of the night was the MIT/Wellesley Toons. Alison Wheeler started with Kelly Clarkson’s “Gimme.” Her voice was strong and expressive, but became a little scratchy at the end. Next, Jennifer D. Lobo '07 performed Lynn Miller’s “I Know It was Love.” Although Lobo had a wonderfully deep and emotional voice, the lyrics were difficult to understand and the song was rather slow. For the last song of the evening, Ron Ron Cheng '07 sang Ben Folds’s “Army,” with the help of the audience. While the audience participation was a nice thought, it took a long time to set up, and when the audience finally sang the song, Cheng was lost in the noise. However, the song was funny and a nice way to end the show.

Overall, GBIS was a fun night that showed the wide variety of talent at MIT.
**FILM REVIEW ****

**The Magic, The Suspense, ‘The Prestige’**

Nolan Brothers Craft a Screenplay That Entertains — And Horrifies

By Nival H. Gabriell

**The Prestige**

Directed by Christopher Nolan

Based on the novel by Christopher Priest

Written by: Amuraham Nolan and Christopher Nolan

Produced by: Christopher Nolan, Aaron Ryden, and Emma Thomas

Starring Christian Bale, Hugh Jackman, Scarlett Johansson, Michael Caine, Andy Serkis, and David Bowie

Rated PG-13

Open Today

S

steam punk?

That’s what they call it when Victorian mystery meets modern technology: a movie where magic meets magic can never happen. For anyone who likes the idea of magic, or the idea of older-style movie magic, this film has it all.

Director Christopher Nolan’s affinity for darkness, exemplified in his earlier work, is likely to continue in this film. “The Prestige” is a period piece; it doesn’t set out to portray history, but to capture a fantastical place in genre, and it does that quite well.

Sleight-of-hand master Alfred Borden (Christian Bale) amazes a young boy (Anthony DeMarco) in “The Prestige.” Sleight-of-hand master Alfred Borden (Christian Bale) amazes a young boy (Anthony DeMarco) in “The Prestige.”

Magician’s helper Mr. Cutter (Michael Caine) shows Rupert Angier (Hugh Jackman) the magic of the business. Magician’s helper Mr. Cutter (Michael Caine) shows Rupert Angier (Hugh Jackman) the magic of the business.

Piper Perabo, as magic assistant Rebecca Hall, is a delightful addition to the cast. Piper Perabo, as magic assistant Rebecca Hall, is a delightful addition to the cast.

**FILM REVIEW ****

**‘Little Children’ Not For Children**

Satirical Film About Suburbia Highlights Moody, Disturbing Topics

By Tina Ro

**Little Children**

Directed by Todd Field

Based on the novel by Tom Perrotta

Written by: Todd Field & Tom Perrotta

Produced by: Albert Berger, Todd Field, and Ron Yaron

Starring Jennifer Connelly, Patrick Wilson, Jackie Earle Haley, Gregg Edelman, and Kate Delafield

New Line Cinema

Rated R

Open Today

Little Children brings out the beauty and lack of beauty in everyday life.

The satirical film incorporates laughter, sorrow, comfort, and happiness; the audience leaves the theater emotionally and mentally drained from the intensity of the film.

“Little Children,” originally a novel by Tom Perrotta, is directed by Todd Field; Field also directed in “The Bedroom,” which was nominated for an Academy Award in 2001.

Set in a Massachusetts suburb, “Little Children” revolves around a minimal central plot. Different relationships and events characterize the movie. The exterior scenario involves a sex offender Ronald James McGee (Jackie Earle Haley), who after his release from prison attempts to integrate back into society. The neighborhood’s fear and rejection of the man ironically suppress our sympathy for him and his honest attempts to "be good.”

The public’s fear of the “pervert” manifests itself at the playground and town pool — key locations in the film. These places bring to light the companionship she needs in her life.

Sarah Pierce (Kate Winslet), the unhappy housewife of “Little Children,” looks for a way to escape the austere reality of her life.

The magic of the movie is its ability to engage — Bale especially. As Rupert Angier, Jackman inspires sympathy with his portrayal of a tortured, desperate man searching for a secret, and Alfred Borden’s treatment of him seems repugnant — until the movie flips a switch and suddenly Borden is the good-hearted underdog, and Angier the privileged and menacing overlord.

It is a thought-provoking film throughout.

Once Again, Politics Disappoints

Robin Williams Film is More Like Lamest ‘Man of the Year’

By Bill Andrews

Once Again, Politics Disappoints

Robin Williams Film is More Like Lamest ‘Man of the Year’

By Bill Andrews

Man of the Year

Written and directed by Barry Levinson

Produced by Barry Levinson, James G. Robinson

Starring Robin Williams, Laura Linney, Christopher Walken, Jeff Goldblum, Leslie Black

Universal Pictures

Now Playing

Man of the Year

Williams is no Jackman. He can act, a nice bonus for a movie star. So “Man of the Year,” his latest film about a comedian running for the U.S. Presidential election, should have been a surefire, no-holds-barred, slam-dunk hit. But as politics has all too often caused me to lament — “Man of the Year”

Let’s get right down to it. This movie is billed as a comedy. It’s starring all these funny people and has a highly amusing premise. All of the trailers are hilarious. Why, then, did writer/director Barry Levinson feel the need to turn it into an action flick halfway through? It’s as though I went to a $150 concert, and after the intermission the musicians finished the symphony

Magician’s helper Mr. Cutter (Michael Caine) shows Rupert Angier (Hugh Jackman) the magic of the business. Magician’s helper Mr. Cutter (Michael Caine) shows Rupert Angier (Hugh Jackman) the magic of the business.

“The Prestige” is a period piece; it doesn’t set out to portray history, but to capture a fantastical place in genre, and it does that quite well.
Is everything in a mental health visit really 100% confidential?

Everything that you tell a mental health clinician is privileged information. This means that the information about you cannot be given to any other person without your permission. There are a few exceptions: 1) if you are in danger of physical harm by suicide, then your clinician can notify other people in order to keep you from harming yourself; 2) if someone else is in danger, then that person can be informed; 3) if you are involved in the abuse or neglect of a child or an elderly person, then your clinician is mandated to inform the appropriate agency.

I am applying for a job and the application asks if I have ever been diagnosed with a psychiatric disorder. Does seeing someone at MHS mean I have to answer yes to this question?

Not necessarily. Many people are seen at MHS for things other than “psychiatric disorders.” It is also important to remember that for most jobs a "yes" answer to that question usually just leads to a few more questions and the prospective employer possibly contacting the clinician at MHS.

I am applying for a job that requires a security clearance. Will the fact that I have been seen at MHS have an impact on my clearance?

This is an issue that comes up frequently. Usually the agency that is doing the clearance contacts MHS after notifying you (we need your permission to release information; usually the agency has already asked you to sign something to this effect). The agency will ask your clinician for his or her opinion about you — but don’t see it in the theater. Not even at LSC, on the ward chance that they play it. No, your best bet is to wait till it hits TV. Little will be cut (it’s rated PG-13), and you’ll be able to switch the channel halfway through, probably to something funnier.

Despite Serious Topics, ‘Little Children’ Offers Up Laughs and Humor

Little Children, from Page 6

against a blurred playground. These shots give depth and significance to the mundane characteristics of suburban life.

The restricted rating is nothing but an understatement. More than nudity or violence, the mature situations and content create discomfort and shock the audience at times. Sobe topics such as — adultery and mutilation for starters — or violence, the restricted rating is anything but an understatement. More than nudity and violence, the mature situations and content create discomfort and shock the audience at times. Sober topics such as — adultery and mutilation for starters — or violence, the mature situations and content create discomfort and shock the audience at times.

The complexity of the film, however, does not deprive it of laughter. The dark humor evident throughout the film, from the single punch line to the single laughs echo in the theater throughout the entire movie. Different situations appear humorous to different viewers. The guaranteed laughter the film provides gives just the right amount of comic relief needed to go along with the themes of the film.

The closing of the film ties everything together to the universal ideal that the past is for learning from and the future is for creating. “Little Children” is not a light-hearted Friday night flick; it is much more. This movie shines a unique light onto suburbia.

Tom Dobbs (Robin Williams) is a fake news show host and surprise U.S. President in “Man of the Year.”

Desperate for Hilarity

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THE ADVENTURES OF MAN

The Adventures of Man
Presents:

“Man Meets His Maker”

FoxTrot by Bill Amend

Crossword Puzzle
Solution, page 14
Bonus Crossword

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

Solution on page 14.

© Puzzles by Pappocom

Solution, tips, and computer program at http://www.sudoku.com
Who’s the driving force behind record-breaking deals? You & Us

Working closely with our clients, UBS has been the driving force behind some recent record-breaking deals, including the $24.5 billion acquisition of Kerr-McGee Corporation and Western Gas Resources by Anadarko. If you want to hear more about opportunities to join a firm with this momentum, an outstanding training program and unlimited career potential, visit our Graduate Recruiting website at:

www.ubs.com/graduates

UBS is an equal opportunity employer committed to diversity in its workplace. (M/F/D/V)

Anadarko
Petroleum Corporation

Financial Advisor, Bridge Provider and Administrative Agent

$24,529,000,000

Purchase of Kerr-McGee Corporation
August 10, 2006

and purchase of Western Gas Resources
August 23, 2006

Largest independent oil and gas exploration and production company in the U.S.*

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free tickets for MIT Students!
made possible by the Council for the Arts at MIT

Collage New Music (tickets not necessary: simply show your student ID at the Box Office)
Sunday, October 22 at 7:30pm
Pickman Concert Hall, Longy School of Music, 1 Follen Street, Cambridge
with Judith Bettina, soprano and Roger Tapping, viola
Arnold Schoenberg, Five Piano Pieces, Op. 23 (1920/23)

Boston Modern Orchestra Project
Season Opening Event
Friday, November 3 at 8:00pm
Jordan Hall, New England Conservatory
Charles Fussell, High Bridge, Portrait of Hart Crane, Prelude for Orchestra (1999)
Lisa Bielawa, unfinish'd, sent (2002)
Jacob Druckman, Nor Spell Nor Charm (1990)
Lisa Bielawa, Roam (2001)
Derek Bermel, Thracian Echoes (2002)
Jacob Druckman, Quickening Pulse (1988)

Boston Secession
Altered States: Mysticism in Music
Friday, November 17 at 8:00pm
First Church in Cambridge, Congregational, 11 Garden Street, Harvard Square
Recalling its 1997 inaugural season, Boston Secession repeats this special concert program about the most human of rituals: vocalizing to honor and explore the sacred. Traversing a wide range of religious traditions and compositional techniques, this program features Benjamin Britten's Rejoice in the Lamb, as well as works by Pauline Oliveros, Orlando di Lasso, George Crumb and others.

Pick up your ticket at the MIT Office of the Arts (E15-205)
Monday through Friday, 10:00am - 4:00pm
One ticket per valid MIT student ID
No phone calls please
Real People Explore Virtual Lives in Digital ‘Utopia’

By Richard Siskin

It has a population approaching a million. The “people” there make friends, build homes and run businesses. They also play sports, watch movies and do a lot of other familiar things. They even have their own currency, convertible into American dollars.

But residents also fly around, walk underwater and make themselves look beautiful, or like furry animals, dragons or practically anything — or anyone — they wish.

This parallel universe, an online service called “Second Life” that allows computer users to create a new and improved digital version of themselves, began in 1999 as a kind of online video game. But now, the budding fake world is not only attracting a lot more people, it is taking on a real world twist:

Big business interests are intruding on digital utopia. The “Second Life” universe, an online test bed for corporate marketing, including Sony BMG Music, Sun Microsystems, Nissan, AduraReekb, Toyota and Starwood Hotels.

The sudden rush of real companies into so-called virtual worlds mirrors the evolution of the Internet itself — say that the entire Internet is moving toward being a three-dimensional experience that will become more realistic as computing technology advances.

“Second Life” is the largest and best known of several virtual worlds created to attract a crowd. The cable TV network MTV, for example, just began “Virtual Laguna Beach,” where fans of its show, “Laguna Beach: The Real OC,” can fashion themselves after the show’s characters and hang out in their faux settings.

Unlike “Second Life,” which emphasizes a hands-off approach and has little say over who sets up shop inside its simulated world, MTV’s approach is to be in advertising as partners.

In “Second Life,” retailers like Nissan USA, said the “Second Life” campaign was part of a growing interest in the virtual world’s real estate.

Linden Labs makes most of its money leasing “land” to tenants, Rosedale said, at an average of roughly $20 per month per “acre” or $395 a month for a “private island.” The land mass of “Second Life” is growing at about 8 percent a month, a spokesman said, and now totals “60,000 acres,” the equivalent of about 95 square miles in the physical world.

Linden Labs, a private company, does not disclose its revenue.

Despite the surge of outside business activity in “Second Life,” Linden Labs said corporate interests still owned less than 5 percent of the virtual world’s real estate.

As many as 10,000 people are in the virtual world at a time, and they are engaged in a gamut of ventures everything from helping charity fundraisers to selling virtual helicopters to operating sex clubs. Linden also makes money on exchanging U.S. dollars for what it calls Linden dollars, or $1 (people can load up on them with a credit card). A typical article of clothing, Rosedale said, could cost around 200 Linden dollars, or 50 cents. As evidence of the growth of its “economy,” “Second Life’s” Web site tracks how much money changes hands each day. It recently reached as much as $500,000 a day and is growing by as much as 15 percent a month.

On Tuesday, a congressional committee said it was investigating whether virtual assets and incomes should be taxed.

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The 2009 Ring Committee held a study break in Lobby 10 on Thursday evening. They posted past years’ brass rat designs for students to examine.

(Above) Daneaya A. Wallace ’09 looks up at the previous classes’ ring designs.

(Left) Eighty pizzas and 800 rolls of bread were ordered for the study break.

Photography by Eric D. Schmiedl

"Engineering, Infrastructure and Global Competitiveness"

by Dr. Jorge Diaz Padilla (Ph. D. CEE 74)
President of the International Federation of Consulting Engineers

TODAY!!!

Friday, October 20th, 2006
Room: 32-155 (Stata Center)
Time: 4:00 pm
Followed by a reception
Royal Bengal
Boston’s only authentic Bengali Cuisine restaurant
313 Mass. Ave., Cambridge
(617) 491-1988
T-Red Line, Bus #1 – Central Square
Open Daily Except Monday
11:30 am – 11:30 pm
Lunch Buffet $6.95
Reasonably Priced Dinners
Unique Bengali fish dishes include
Paalda maachher jhol, Rui maachher jhol, Mochar ghanto
Take-out, platters, and catering available. Delivery with minimum order.
10% Discount on $15 (or more) order with MIT ID.

October 20, 2006
Royal Bengal
kalia, Mochar ghanto, Shorshe Ilish
Unique Bengali fish dishes include
T: Red Line, Bus #1 – Central Square
313 Mass. Ave., Cambridge
(617) 491-1988

Beatboxing MIT Grad Student Provided Designs For Challenges

Design Squad from Page 1
a vexing problem for public television. Yes, PBS still has a rep as a go-to place for toddlers and younger kids.
But how do you corral a tween audience — hooked on “Cheetah Girls” and “High School Musical,” and convince them that “education- al” can be cool?
The answer, producers hope, is to borrow looks and themes from elsewhere on the dial. WGBH has gotten results in the past from “tak- ing a commercial format that we know kids love and turning it in- side out,” says Brigid Sullivan, the station’s vice president of children’s programming.
That was the idea behind “Fitch.” WGBH’s live-action-cartoon hy- brid, which premiered on PBS in May and got so popular so fast that it will be featured on a float in the Macy’s Thanksgiving Day Parade. “Fitch” comes from the production team behind “Zoom,” and has a science-based curriculum. It’s also a postmodern fantasy, starring a car- toon dog who hosts a reality show for tween contestants. Its director, a veteran of “Queer Eye for the Straight Guy,” helped to infuse the show with a manic mood.

The MIT Figure Skating Club invites skaters of all levels to SKATE WITH US!
Our annual RINK-OPENING SOCIAL is tomorrow, Saturday, October 21, 9 am – noon at Johnson Rink. Snacks and music will be provided, but please bring your own skates! (We have a limited supply of skates to lend to people who don’t own a pair.)
web.mit.edu/skatingclub/www/

Travel with STS to this year’s top 10 Spring Break destinations! Best deals guaranteed! Highest rep commissions. Visit www.ststravel.com or call 1-800-648-4849. Great group discounts.

Solution to Crossword Puzzle
from page 8

Solution to Bonus Crossword
from page 9

Solution to Sudoku
from page 9

Support MIT-EMS
for more information and to apply http://ems.mit.edu
DEADLINE: NOVEMBER 1ST

The biggest threat to depression is your awareness of it.

Combating depression,
from page 9

The Tech
Page 14
October 20, 2006
‘Fun-Loving’ Mascot
Available on Request
Costume Once Hijacked For Harvard Prank

Beaver, from Page 1
tume (and have someone in the group act as the mascot) or have a member of Team Tim show up to their event all decked out. The only rule is that Tim must stay on campus, according to Smith.

In March 2002, the costume was taken off campus to Harvard as part of an attempted hack, which involved simulating a sexual act on the statue of John Harvard. During the prank, Tim’s paw was stolen by a Harvard student. The MIT pranksters were charged $650 by the CAC, the cost of a new set of paws. The paw was later stolen back by an MIT student posing as a reporter for The Harvard Crimson, Harvard’s student newspaper.

The idea for Team Tim came from looking at other colleges with mascots, Smith said. Several athletic programs had a group of students who would act as the mascot.

Sally E. Peach ’09 (also a Tech photographer) is another member of the team. She has always wanted to be a mascot and said that her most memorable event was the latest “grad rat ceremony.” The graduate students made a “Tim-sized” Brass Rat for the mascot.

Tim appears at various campus events, and is sometimes even hired to pass out flyers and pens for the MIT Federal Credit Union.

Tim the Beaver is “just a fun-loving guy,” Ciborowski said, “definitely not an MIT student because he’s never sad and always has a smile.” Ciborowski said that it is obvious that Tim does not complete problem sets each week.

Peach provides a similar view of the MIT beaver. When she puts on the Tim costume, she tries to be “sweet and inviting” and “give people hugs,” while occasionally dancing a little.

Being in the actual mascot costume, though, is not as pleasant as Tim appears to be. Peach said that the costume is awkward and is hard to see in. It also gets very hot, Peach said, despite the fact that the costume comes with an ice pack shirt and a fan inside it.

The costume is “not as bad as you would think,” Ciborowski said. But the gloves can be “frustrating” because there is only room for four fingers. Another added difficulty, Ciborowski said, is that Tim cannot walk up stairs (Tim’s feet are bigger than a typical stair step) and has to take an elevator or ramp.

Typically, members of Team Tim work in pairs, with one student acting as a spotter or handler to help Tim the Beaver get around, according to Walsh.

The members of Team Tim have really bonded with each other, Smith said. She said that she hopes the team will have training programs in the future to teach people how to be “effective without saying anything.” Walsh said that hiring mimes to help with the training is a possibility.

Beavers were adopted as MIT’s mascot on Jan. 17, 1914 at the Technology Club of New York, according to the CAC Web site. “Of all the animals of the world, the beaver is noted for his engineering and mechanical skill and habits of industry,” William T. Hornaday’s book on the animals of North America stated. The book was referred to when making the decision. “His habits are nocturnal, he does his best work in the dark.”

Other animals originally considered included the kangaroo and the elephant.
Defense Can’t Stop Golden Bears Attack, Allows 478 Yards in 42-25 Football Loss

By Ryan Lanphere

The song remained the same this past Saturday for the football Engineers (0-4, 1-5), who failed to match the offensive production of the Golden Bears of Western New England College (1-3-3) and fell in their 42-25 contest.

The Golden Bear offense was led by sophomore running back Jordan Capitanio’s, whose nose for runs against both men and women of different skill levels is well known. The MIT team consisting of Marissa A. Mancuso, Women’s B1 (Chun, Chambers, and Ho) took second and Christine M. Lee ‘09 took second in their division.

The Engineers started the day on a strong note with an impressive game-opening drive that lasted 5:27 and resulted in a touchdown. The opening score came when Engineers quarterback Richard A. Mancuso ‘09 connected with tight end Thomas J. Franklin ‘09 on a 12-yard passing play. Franklin, finding the end zone for the first time this season, finished with 48 yards on four receptions in addition to his first quarter touchdown.

The Engineers failed to convert the extra point and so ended up with an early 6-0 lead. WNEC continued MIT’s opening drive with two first quarter touchdowns of their own coming on a Capitanio TD dash and a 16-yard TD toss from Walz to freshman tight end Thomas J. Franklin ‘09 on a 12-yard play to take a 10-6 lead. The first half included a 24-play, 63-yard drive through intermission to their zebra-striped brethren from the Pac-10, the NEFC. A series of fumbles or missed tackles, setting up the Golden Bears to take the lead only increased their winning ways of the first half.

The first was just a one-yard rush 39 ticks on the clock, when the referees mysteriously called the clock, allowing WNEC to save a time-out which they used for a play that extended the distance.

Running back Thomas C. Scotton ‘07 dives into the end zone to score on a 25-yard touchdown run, igniting a second half rally for the Engineers against Western New England College on Saturday, Oct. 14, at Steinbrenner Stadium. MIT fell short, losing 42-25 to bring their record to 1-5 for the season.

By Bronwyn Edwards

Running back Thomas C. Scotton ‘07 dives into the end zone to score on a 25-yard touchdown run, igniting a second half rally for the Engineers against Western New England College on Saturday, Oct. 14, at Steinbrenner Stadium. MIT fell short, losing 42-25 to bring their record to 1-5 for the season.

The final rounds of the tournament were left to the B-Teams (intermediate divisions) of the competition. In the men’s division, B1 (Chen, Chambers, and Ho) took second place overall after an intense series of matches. Men’s B2 (Arjen R. Na- garaja ‘09, Jaroslav Labarzhevic G, and Liu), secured third place in their division.

Women’s B1 (Chen, Sharon A. Lawrence ‘07, and Chu), after several stunning and tiring matches, stole first place in the division with a beautiful sudden death victory by Chen. Women’s B2 (Lee, Hui, and Ha) continued their aggressive and effective performance, securing third place in the division.

The Engineers failed in the last 10 seconds of the competition through the end of the tournament. Tufts placed third, scoring 201 points for the match.

Sports

Three MIT Students Win 22 Mile Relay

The MIT Outing Club won the first ever intercollegiate Presidential Range Relay Race, a 22-mile race across Mount Washington and the Presidential Range in New Hampshire’s White Mountains last week.

Schools from all over New England, including Dartmouth, Bates, Colby, Carrollton, Plymouth State, and Green Mountain, participated in the race organized by Tufts Mountaineering Club. The other teams included the Crazy Alpine Beavers, the Fast Alpine Beavers, and the Faster Alpine Beavers.

On the winning Crazy Alpine Beavers’ team, which finished in 7 hours and 30 minutes and beat the nearest competitors by over an hour, were Eric W. Gilberston ‘08, Matthew W. Gilberston ‘08, and Daniel G. Walker ‘08. The team’s enthusiasm and teamwork saw the men’s team finish the race.

Three MIT students chose to run the race as a three times seven under exchange with exchanges to relief runners at Mount Eisenhower and Mount Jefferson, the Crazy Alpine Beavers, the Fast Alpine Beavers, and the Faster Alpine Beavers. The team crossed the finish line with a time of 7 hours and 30 minutes and beat the nearest competitors by over an hour.

Only one other team, from the University of New Hampshire, attempted such a feat, however, the trial proved too difficult for them to finish.

Although the team started last among other teams in the wave start, they made up time and were ahead of all teams before the first exchange. MIT quickly moved in and passed the Crazy Alpine Beavers while climbing Mount Monroe, the first peak of the second leg. The team maintained its pace to widen its lead throughout the remainder of the race.

The Crazy Alpine Beavers’ team plans to compete again next year to defend its title. Also participating in the event were the Faster Alpine Beavers under Michael A. Kokko G, Zach J. Traimper ‘09, and Ryan J. Germino ‘09; and Team Fast Alpine Beavers was composed of Kathryn P. D’Epuyer G, Luisa Chaisa G and Tom Karchoff.

Sport Taekwondo Club Dominates 13 Team Meet

The MIT Sport Taekwondo Club kicked off the 2006-2007 competition season on Sunday, Oct. 15 by hosting and winning the first Ivy Northeast Collegiate Taekwondo League tournament of the season.

In attendance were 13 colleges, including Harvard, Tufts, Brown, and ряд Cornell Universities. The MIT team consisting of men and women of different skill levels finished with 584 points, well ahead of Cornell's second place finish.

MIT started the competition on a high note, competing in a number of forms, patterns movements unique to belt levels, and resulting in a touchdown. The first touchdown was a result of a beautiful sudden death victory by Chen. Women’s B2 (Lee, Hui, and Ha) continued their aggressive and effective performance, securing third place in the division.

The Engineers failed in the last 10 seconds of the competition through the end of the tournament. Tufts placed third, scoring 201 points for the match.

UPCOMING HOME EVENTS

Saturday, Oct. 21, 2006

Sailing, Oberg Trophy
Crow, Head of the Charles
Men’s Soccer vs. Springfield
11:30 a.m., Steinbrenner Stadium
Field Hockey vs. Clark University
1:00 p.m., Jack Barry Field
Women’s Soccer vs. Smith College
2:30 p.m., Steinbrenner Stadium

Sunday, Oct. 22, 2006

Sailing, Oberg Trophy
Crow, Head of the Charles
Women’s Sailing vs. Navy & Army
9:00 a.m., Charles River