Institute To Step Up Its Recycling Efforts

Student Group Petitions for Additional Bins

By Naveen Sunkavally

Years after MIT's student environmental organization, Share A Vital Earth (SAVE), first began lobby ing to have recycling bins put in all across campus, MIT will install them months before a worldwide environmental conference to be held in Japan.

"The recycling plan that has been devised ... will place companion recycling containers for mixed paper and commingled goods next to all indoor common area trash containers," in December, said Jamie Lewis Keith, managing director for environmental programs and risk management. "The plan also will place companion recycling containers for commingled goods next to all outdoor trash cans."

A survey by members of SAVE identified 206 indoor and 125 outdoor garbage cans that needed companion recycling bins, said Professor of Literature Stephen But Born said she became active in the new LBGT Issues Group logo local issue. I was a very vocal supporter. That's a good step," to preserve the 500 units of housing Welcoming Gays at MIT Institute Celebrates Coming Out Week By Katharyn Jeffreys

MIT is a place where lesbian, bisexual, gay, or transgendered members of the community are not not only Feature accepted, "... they are welcome. The LBGT Issues Group, a part of the Office of Residential Life and Student Life Programs, recently contacted 6,000 faculty and staff members at MIT, encouraging them to support LBGT students. Included in the mailing were cards showing co control is a state issue and not a local issue. I was a very vocal supporter of rent control before Question 9 eliminated it. I was upset that it was eliminated," Born added that drafting a rent control measure now would be "undermanned for the Cambridge City Council because the institution of any measure would require state governor approval."

But Born still plans to focus a good deal of her work on affordable housing. "I feel that I have a good handle on the issue and I have the knowledge necessary to deal with it. I have been working with Senator Kerry and our local branch of HUD to preserve the 500 units of housing called Fresh Pond Apartments," Born said. "The buildings that are called "expiring use" homes... The owners of these projects have been trying to end their affordability and convert them to market rate housing, and that is a real danger for the community." Born added a discussion session on affordable housing last week. She was among a group of about 150 Cambridge residents who were confrontating apartment rate increases. "There was real fear in their faces," said Born. "They're tough people, but it's a real fear for them. It's a harrowing dilemma I confront every day."

Relationship of MIT and city Born said she became active in the conference, "... many heavy hitters in the field of environmental science and technology are coming to this conference ... it's an ongoing embarrassment when they come to Boston and don't see the homes they are working on securing final approval for the minor. Sloan administrators are working on securing final approval for the minor. Sloan officials are "not quite there yet," but are "learning toward doing it," Meldman said. Sloan recently surveyed juniors and seniors to gauge their interest in the proposed minor. The management minor would include six subjects and have a strong management science focus, which involves more math than a typical management course that one might find at another school, Meldman said.

According the survey, required courses might include 6.041 (Probabilistic Systems Analysis) and 14.01 (Introduction to Microeconomics). The remaining four courses would be chosen from a list of approved electives that includes the popular 15.301 (Managerial Psychology) and 15.42 (Organization Behavior). Students show interest in minor A number of students expressed interest in the possible management minor. Daniel S. Cho '92 said that he Minor, Page 31
Mudsides Stir Political Storm

By Bill Bramptom

Fast-moving weather systems will provide changeable weather for the area over the next few days. Today and tomorrow will feature pleasant fall conditions, with seasonable temperatures and clear skies. Then a low pressure system moving down from Canada will meet up with a strong cold front, bringing a chance of showers and possible thunderstorms.

The weather feature that has been absent so far this year is Indian Summer. When a high pressure system stalls to our south, it results in clear skies and near-normal temperatures, a condition that can last for several days. Under these conditions, tourists often follow the rule of thumb: if you see a cloud, it will rain; if you don’t see a cloud, it will rain. For now, the weather system has prevented this.

Tuesday: Sunny with light winds. High 65°F (18°C).

Wednesday: Mostly sunny and a bit warmer. High 69°F (20°C).

Thursday: Rain, perhaps heavy at times, ending by afternoon. High 65°F (18°C).

Proteins Researcher Wins Nobel Prize for Medicine or Physiology

By Thomas H. Maugh II

A German-American researcher who discovered how the body produces antibodies has won the Nobel Prize in medicine or physiology. Dr. Guenter Blobel of the Howard Hughes Medical Institute at Rockefeller University in New York City found that the billion protein molecules in a single cell bear a short address tag. The tag indicates that it belongs in the nucleus, the cell membrane, the cytoplasm, or anywhere else. In other words, it should be secreted outside the cell.

With such tags, the cell runs a computer program about the cell’s body. Without them, it would be like an earth-quake-damaged warehouse with cellular components scattered uselessly about.

Several discoveries have helped scientists unravel the causes of several genetic diseases, including cystic fibrosis and Tay-Sachs disease. According to the Nobel Foundation, the prizes are sent to the wrong location by a defective tag, they cannot perform their function and can cause disease.

In familial hypercholesterolemia, for example, the body makes too much cholesterol. Because proteins that would normally remove it are not where they should be. Understanding why that happens could lead to new ways of treating the problem.

Blobel’s work has led to an easy way of knowing on the movement (of proteins) in the cell, and even on the way some kinds of proteins change their shape,” said Marjan Causman, director of the National Institute of Child Health and Human Development.

Accordingly, I request that you postpone ratification of the Comprehensive Test Ban Treaty.

Senator GOP leaders indicated they would seek to block the treaty because Democrats agreed that the treaty issue would fail for at least four more years if the Senate rejects a written request is merely a first step. Senator Paul Sarbanes, D-Md., said: “As the majority leader has stated all along, not only must there be a moratorium on testing at this time, this agreement must be reached that it not come up before the Senate on a two-thirds vote, or 67 senators.

Protein researcher wins Nobel Prize for medicine or physiology

By Guenter Blobel

Dr. Blobel is a founder of Friends of Dresden Inc., which has already provided $2 million for the restoration of historic structures in the city.

He was cited for work that, for the first time, explained how the internal structure of cells is maintained, and how proteins are transported to their destinations.

Before Blobel’s work, it was known that some systems were directed to their correct locations in the cell and how large proteins could traverse the tightly sealed membranes surrounding individual structures within the cell. Also known, according to Dr. Donald DeLay of the Medical College of Chicago, was that newly synthesized proteins were a little bit longer than their mature form.

Blobel cautioned that his discoveries do not have the immediate medical implications of some other Nobel prize winners. "It’s not a cure for AIDS," his Nobel, "it’s basic biological research."
Sparing Vice President Al Gore a major political embarrassment, the AFL-CIO's endorsement of Gore is expected to rob Senator John Kerry of union support. Gore, who once took the powerful labor federation's early support for granted, plans to appear in person at the AFL-CIO's convention in Los Angeles to pick up the coveted endorsement.

The endorsement, a major victory for the vice president's limping campaign, would be the federation's earliest since its leaders backed Walter Mondale in 1984 in his campaign against President Reagan.

By Jonathan Weisman

WASHINGTON

Russian Prime Minister Vladimir Putin on Monday all but rejected calls for negotiations with Chechen secessionists. Putin, whose hands and arms are stained with blood, has called for a united Russia.

But perhaps more importantly, an AFL-CIO endorsement would grant Gore a respite from the bad news that has dogged his campaign. Gore aides have stressed for months the importance of the labor endorsement.

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Bradley, however, had翎promised staunchly to block an early endorsement of Gore. He personally mobilized union support in order to delay the vote, hoping his campaign's momentum would eventually persuade him that the Democrats' best hope for keeping the White House for another four years. Gore convinced the AFL-CIO's senior leadership that he needed organized labor's support now in order to prepare for a front-loaded primary and caucus season that is expected to be decided by March.

And AFL-CIO President John Sweeney, playing a decisive role, pushed his organization's member unions to endorse the vice president. Sweeney, a Gore ally, "really leaned into it," a Gore aide conceded, privately twisting arms, then publicly declaring that Gore had wrapped up the endorsement.

Bradley aides refused to concede defeat in the endorsement fight.

By David Hoffman

WASHINGTON

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UROP Comments Unjustified

Regarding Robert Ragno’s piece “UROP Troubling” in the October 9th issue, I am frankly appalled. First of all, I have no deep feelings regarding the UROP program either way, and though I do not agree with his opinion, his opinion is not what bothers me. It is the absolute garbage with which he backs up his claim that does.

His first point is that the students are being exploited by the Institute by not being paid their worth. He then says that they are nothing but inexperienced professionals. Neither of these contradictory statements are justifiable. I find it hard to believe that hiring students is making it difficult for practitioners in an industry that is facing a shortage of talent on the order of 300,000 unfilled positions in the next five years. And if indeed these jobs are so meaningless, then why is it not wrong to inflict such tasks on better educated professionals? There are less than one million total professionals who are currently unemployed in the United States. Of this million, those working in IT are only a small fraction. I understand the vague nature of his wording, but he was wrong by several orders of magnitude.

Further, Ragno should not begrudge this unique chance for many students to earn the money off which they live because it conflicts with his convoluted sense of intellectual morality. Also, the UROP minimum wage of $8.00 per hour is far beyond what the average college-age American is paid in any job. From my experience with the UROP program, I find that the programs often help the student more than vice versa. I applaud the professors who make such an effort to provide these experiences for the student. The hands-on experience is invaluable, and if the professor happens to gain in the process, then all sides gain. This is how it works in a free society. UROP is not even compulsory. Such outcome is completely unjustifiable.

I personally find Ragno’s comments highly offensive and demeaning to undergraduates, as well as to the informed reader who should not tolerate blatant misinformation.

Benjamin Ho ’00

A Letter of Thanks

On behalf of the MIT Republic of China Student Association (ROCSA) and Association of Taiwanese Students (ATS), we would like to express our thanks to the MIT community for supporting the Taiwan earthquake relief effort. During the five days (9/26-10/1) of fundraising, the MIT community contributed $4905.88 and filled a large card with signatures and warm wishes expressing condolences. The money has been sent to the National Red Cross Organization of Taiwan to be used in the earthquake relief effort and the card has been delivered to the people of Taiwan via a national newspaper. The success and generation of this event has demonstrated strong friendship between the American people and the Taiwanese population. Your support and generosity are greatly appreciated at a difficult time like this.

Bruce Yu ’00
ROCSA President
Tony Chen G
ATS President
David Lee ’01
ATS Treasurer

Opinion Policy

Editorials are the official opinion of The Tech, which is written by any member of the editorial board, choosing to publish their disagreement with the editorial.

Letters to the Editor

Letters may be sent to Letters@the-tech.mit.edu. Hard copy submissions may be addressed to The Tech, P.O. Box 970929, Cambridge, Mass. 02139-7929, 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.
**Cry of The Faithful Reductionist**

Gábor Csánya

I recently read an essay by John Horgan, author of "The End of Science," in which he celebrated the success of a new physics and explained why he was optimistic about his latest book, "The Undiscovered Mind." He proposes that if the problem of consciousness can be "solved" or at least made tractable, then science will be able to come up with a "new physics" that will help us to understand the mind and what it means to be human. When confronted with such statements, my first reaction is to propose the source for an opposite view. In my essay, "The Scientific Mind," I suggested that the field of neuroscience is "not yet capable of providing an answer to the question of consciousness and understanding." Horgan passes this hurdle effortlessly by citing many of the best known neuroscientists and criteria at being able to predict and explain human behavior and divergent consciousness. But my essay does not aim to go beyond this very quick overview. It is very earnest. He entertains the possibility that there may be no explanation of striving consciousness, and understanding, and uses a pursuit of more literature to help evaluate this. I would explain how I think that a training in the natural sciences is incompatible with the pursuit of consciousness.

Let us take a pedagogical example in trying to understand the way science works. Imagine a very large smooth ball with balls rolling around. If we observe the way the balls behave, the rules are very clear. We can discern patterns of our motions. We are conducting an experiment. Soon, just as Newton observed, we will find ourselves predicting the motions of the balls in the balls of the advances. As all we know, this model will fail in describing the motion of the balls too fast, or they are too small, or too few. We will even find that this model is not valid. But it will fail, and we can establish our range of validity. I suppose that we take our mathematical model as applying to, say, one hundred balls and watch it fail. Suppose our model is our giant system of equations in horror, and, as a first reaction, we ask for us some evidence that the equations in fact have any solution at all. We need not worry. We know they do, simply because if we let the balls roll around, we will see that there are several solutions. And two of them are valid and two of them are not. What about this. A problem of explaining phenomena in terms of ever-sim- pler models. And, as a special case, the scientific relationship experiment. Our model of quantum mechanics operates with concepts of speed and position and the speed of light. If we have certain quantities, it is impossible that the balls could not be described in terms of these quantities. It is impossible that the balls could not move at a certain speed. And, again, we have to be careful that we do not impose the model (indeed measured) limits of our model. It is important to understand that quantum mechanics and relativistic dynamics do not imply that the stellar universe is chaotic, the latter would not be true any longer. Rather, quantum mechanics extends our knowledge possibilities of the mind.

I believe this argument can be extended to consciousness. Let us take a brain example for instance. The problem of the brain's activity is to make a piece of paper. We cannot find out what the brain is doing. We do not know what it is doing. Furthermore, we do not have the brain as an object, we have the brain as a piece of paper. But it is not an object in which we could observe the brain's activity. It is an object which we could observe the brain's activity. It is a black box.
MIT provides support for LGBT students

MIT sponsors Coming Out Week

On October 10th from 10:00 to 10:16, the lesbian, gay, bisexual, and transgendered student group at MIT, called LINKS, hosted an event called "Gay and Straight on Campus," which is geared towards informing the campus about the issues and concerns of lesbian, gay, bisexual, and transgendered students. The event was attended by a diverse group of people, including students, faculty, and staff from various departments across the MIT campus.

One of the highlights of the Coming Out Week is the annual Rainbow Reception, which is held on October 15th in the Talbot Lounge at East Campus from 4 to 6 p.m. This event is open to all members of the MIT community, regardless of their sexual orientation, and is intended as a forum to discuss gay and lesbian issues in the college environment.

The campus climate is generally accepting of LGBT students. Brenda Coto-Escalera, Associate Professor of Music & Theater Arts says of the LGBT community: "There is much more visibility than we had in the past six years." This ever-changing nature of the LGBT community is also visible in the active population itself; Coto-Escalera teaches a queer-identity freshman seminar with de Franz which last year was entirely male, and this year consists of only females.

Students who come out have found their peers to be generally accepting of their decision. "I think people have been as understanding as LGBT issues were in the fall of the 1990's. A self-proclaimed bisexual, Bright said that homosexuality "brings to me a sense of self-confidence that I never thought I would have before." Bright to speak because she is enthusiastic about mutual funds instead of getting laid?"" the only things they think matters."

Community accepting of LGBT members

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MIT student Aparna M. Das ’01 constructed a mile-long trail of poetry stretching throughout campus as part of 4.302 Foundations of Visual Art. The class, taught by William Carlos Williams, and is dedicated to the MIT pub-

By Andy Kostoulas

GAMIT's Kingsbury on Gay Issues at MIT

By Alixen Wu

The Tech: Tell me about your background.

Kingsbury: I came from a small town in Arizona with about 3,000 people. I'm in the Class of 2000 and majoring in mechanical engineering.

The Tech: How did you decide to come out?

Kingsbury: I knew when I was in high school that I was bisexual. I didn't say anything. When I came to interlochen, I had a bad experience with it. I decided to address it. When I got here, I met a girl I really liked. Then I thought, 'Well, I don't care. I'm just going to go out with her.' I was pretty obvious, because I wasn't really hiding it. My best friend found out and got really upset about it. I always thought that's how it was going to turn out. That's how everyone would respond. But then I talked to my best friend and said, 'That's it.' I don't care. I thought that everyone would accept me. The more people who knew, the better.
TechCalendar appears in each issue of the Tech and features events for members of the MIT community. The Tech makes no guarantees as to the accuracy of this information, and the Tech shall not be held liable for any losses, including but not limited to damages resulting from reliance on the information available on the TechCalendar web page.

Visit and add events to TechCalendar online at http://tech-calendar.mit.edu

Tuesday's Events


6:30 p.m. — SSEK Competition Team Building Dinner. The team building dinner is a place where you can meet people who want to enter the competition. It is a great place to meet people who have ideas, or people who can help you implement your idea. Building E35. Third Floor. Sponsor: MIT SSEK Entrepreneurship Competition.


Sponsor: Office of the Arts.

7:30 p.m. — Coming Out Support Group. A confidential support group hosted by GMIT for LGBT individuals in the coming out process. This week, staff from the MIT counseling center join us to provide extra support and resources. 5:30-30. (Walker Memorial). Sponsor: LBGT Issues Group.

7:30 - 9:00 p.m. — Chi Alpha Campus Meeting. Chi Alpha Christian Fellowship will be sponsoring a game on the State of Religion in our weekly meeting. There will be time for worship and fellow-ship as we study the Bible. POP3, Student Center. Sponsor: Chi Alpha Christian Fellowship. The Fellowship of the Aristrocrat's Priscus — Rich Glusker, Hebrew University, Israel. Dinner: Including Luncheon Cocktails. 12:30 pm (2 hours). Rm E56-100. Please call if you plan to attend. 25-319893 (94 send an email)

More info: Call Trudy Kortkert at 253-6989.

Email <trudyk@mit.edu>.

Xilens: Corporate Strategies in Asia — Stacy Fender, Xilinx, Inc., President. Sponsored by MIT Japan Program. 12:00 pm (1 hour). Rm E56-100. Refreshments. E38. Tel 8-104, Rm 10. 12:00 pm. More info: Call Christine Lawrence at 253-4183. Email <cll@mit.edu>.

Earthquakes, Volcanoes, and Storms — Al Duba, Lawrence Livermore National Laboratory. Sponsored by Special Undergraduate Seminar with Earth, Atmospheric, and Planetary Sciences. 3:00 pm (1 hour). 54-915. The Woods Building. Meeting will be held in Building 54-915 at 3:00 p.m. More info: Call Marie C. Senat Andre at 253-5278. Email <marinc@mit.edu>.

Dynamic Ergodic Divertor — Karl Hinrichs Fikes, Senior, Plasma Science and Fusion Center Seminar Series. 4:00 pm (1 hour). Rm NW17-218. Refreshments served at 3:45 pm. More info: Call Paul Swendeman at 253-4101. Email <swe@mit.edu>.


The Development of Aristotle’s Physics — Ruth Glasner, Hebrew University, Israel. Dibner Lecture Series. 11:00 am (1 hour), Rm NW17-218. Refreshments served at 10:45 am. More info: Call Christine Lawrence at 253-3278. Email <cll@mit.edu>.

Wednesday's Events

8:00 a.m. — MIT Affiliated Artist Concert. Works of Charles Shadle and Kyle Hoepner. Hoepner's Glad to Be Back, for computer-generated tape; Sonata for clarinet & piano; String Quartet. 6:00 p.m. — Family Weekend Concert. MIT Wind Ensemble, MIT Concert Band, MIT Jazz Band. Fred Harris, music director. Admission O. Kresge Auditorium. Sponsor: Office of the Arts.

3:00 p.m. — MIT Japan Program. 12:00 pm (1 hour). Rm E56-100. Refreshments. E38. Tel 8-104, Rm 10. 12:00 pm. More info: Call Christine Lawrence at 253-4183. Email <cll@mit.edu>.

Thursday's Events


4:00 - 6:00 p.m. — Rainbow Reception. Part of National Coming Out week, this annual event for students, faculty and staff helps incoming and current LGBT students be aware of the supportive resources available to them. ETC's Talbot Lounge. Sponsor: 1307 Student Services.

7:00 p.m. — poetryMtg: Harry Matthews. Sponsored by the Program in Writing and Humanities Studies and Literature Faculty. Admission: G. 0-620. Sponsor: Office of the Arts.

7:30 p.m. — ChairMall Workshop. Come learn how to make channels in this interactive workshop. Materials will be provided, but bring noodle pines if you have them. Mezzanine Lounge. Sponsor: Society for Creative Anachronism.

9:00 p.m. — MIT Songwriting Club. Sponsors Open Mic Night. The first of many Open Mic Nights at the Coffeehouse (2nd floor of the Student Center). Come to perform or be entertained. Sign-ups begin at 8:30 and are on a first come, first served basis. The Coffeehouse. Sponsor: Songwriting Club.

Experiences in Interactive Expression — Natalie Jeremijenko, Visiting Faculty, Engineering Dept, Yale Design Studio, New Haven, CT. Experiences in Interactive Expression (part of Special Topics at the CAS'S). Admission: 3:00 pm (2 hours). MIT Museum Bldg. 390. Visiting artists who use digital media and interactivity or audience participation in their work, will focus in depth on one piece, with a quick overview of the rest of the work, followed by discussion. More info: http://www.mit.edu/longtermbuilders/1308/791/react.html.


Friday's Events

6:00 p.m. — Family Weekend Concert. MIT Wind Ensemble, MIT Concert Band, MIT Jazz Band. Fred Harris, music director. Admission 0. Kresge Auditorium. Sponsor: Office of the Arts.

7:00 p.m. — Film: Happy Together. Featuring contemporary Asian directors series. Admission 0. The Tech. Sponsor: Office of the Arts.


10:00 p.m. — Coming Out Week Reception. The wrap-up event for Coming Out Week, hosted by GLBT and including light refreshments and good conversation in a supportive environment. 50-0136. Sponsor: LBGT Issues Group.


Viewpoint

What do you think is the campus attitude towards homosexuality?

It seems fairly open. I haven't observed any particular prejudice. I guess it depends on the circles you travel in.

Amit Roy '01

I don't think there is a single one. There are a lot of camps.

Matthew Hoover '00

I think a lot of fraternities are thought to be homophobic and that is less the case than people think. I also think there is a lot of indifference.

Arundhti Singh '01

At least from the people I know, it seems pretty liberal.

Arun Mehta Singh '97

It seems more open then where I am from (the South).

Brian Perryman '01

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How are you going to meet these people?

Undergrads

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WHERE DO YOU FIND THE RIGHT PEOPLE?

The engineer needs the businessman. . .
The businessman needs the engineer. . .

WHERE DO THEY MEET?

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6:30pm 3rd Floor, E51
Tuesday, Oct. 12

RSVP @ http://50k.mit.edu
ALBUM REVIEW
Famous Monsters

By Chris Jones

October 5th marked the release of the Misfits’ ninth album, Famous Monsters. This album is the second with Michaele Graves, who replaced the original vocalist Glenn Danzig. Monsters follows 1994’s American psycho, released with the same fast-paced fervor. The new album is different because it is no means inferior. Since 1977 the Misfits led a loyal fan base, even through an almost ten year dry spell. There is a distinct difference between the classic punk rock style from their earlier years and thebands confusing style. The album is happy with the genre and the songs are no less edgy.” Local singer-songwriter Jude looked ahead to her set down to soothing ballads and recordings. Vonda Shepard showed more than this the first day of Mixfest, sponsored by radio station and general producer. The blatant low point in this sea of talent

CONCERT REVIEW
Mixfest ’99

Day One

By Dan Katz

It is, the essence of the first day of Mixfest, sponsored by radio station and general producer. This year was an even more pleasant surprise with the addition of the rock band, Famous Monsters. The first act to perform was undoubtedly the highlight of the night. Ben Foldes Five, a band that has been gaining popularity in recent years, opened with a strong performance. Their music is a unique blend of pop and rock, and their live shows are always a treat. The crowd was high on energy, and the band’s performance only added to the atmosphere.

Famous Monsters

L’Italiana

An Italian in Algiers

By Vladimir Zalewsky

An opera by Gioacchino Rossini

Directed by Angela Anselli

Presented by Boston Symphony Orchestra

On October 12, 2009

Tickets $16-855, students discounts available.

Natalie Merchant, and Sixpence None The Richer. But Duran Duran deserved an encore. So did...
**FILM REVIEW**

**Three Kings**

By Michael Frakes

Directed by David O. Russell

Running time: 115 minutes

Rated R

Starring George Clooney, Mark Wahlberg, Ice Cube, Spike Jonze, Nora Dunn, and Jamie Kennedy

While it is not exactly a war movie, *Three Kings* may be the most definitive film we have yet to see about the Gulf War. There are no major battles or organized military efforts. Rather, we see only a few small conflicts that occur after the war has ended. It is basically an action/adventure film with many moments of well-placed humor — it's a good one, too. Three Kings also works on a deeper, thought-provoking level, as it effectively underlines the interplay of action and comedy with a strong political presence. The film addresses man's brutal motivations in war and forces us to question the United States' involvement in the Persian Gulf.

Three Kings makes David O. Russell's third and perhaps strongest directing effort. His other works include *Spawning the Monkey* and *Firing with Disaster*. This latest effort is a creative and bold picture that shows us how exciting filmmaking can be. Russell brings up many issues concerning American foreign policy and human brutality in general, and he develops these ideas through the interaction of the film's characters and action sequences. He presents his story through an original and effective visual style, combining a rough, grainy image with overwhelming brightness (we hardly ever see the sky — only a big bright light).

George Gates (George Clooney) catches word of a bunker that likely contains the gold bullion that Saddam's troops had stolen from Kuwait. Special Forces officer Archie Gates (George Clooney) catches word of the map and offers to lead the soldiers in an unauthorized and self-beneficial plan to recover the gold. Sergeant Troy Barlow (Mark Wahlberg), Chief (Ice Cube) and Conrad Vig (Spike Jonze), come across a map that shows the location of a bunker the Iraqi soldier who lost his boy in a bomb-destructive plot, Russell catches us off guard from time to time. In one scene, after being captured by Iraqi forces, Barlow is thrown into a room filled with cellular phones. Unable to get through to the American forces, he resorts to calling his wife and after a minute of sweet-talking, he asks her to get him help.

The film presents a fierce image of humanity, especially in regards to warfare. It questions our motivations for entering the Gulf War (and any war for that matter) and examines our inability to aid the Iraqi citizens after the war had ended. During the torturing of an American soldier, an Iraqi asks why the U.S. became involved. The American replies that it was because Iraq had invaded Kuwait and "that is wrong." The film also examines the media's selfish and constant desire to see conflict, as presented through television war correspondent Adriana Cruz (Nora Dunn). Asking the viewer to consider the civilian costs of war, Three Kings sympathizes with the Iraqi soldier who lost his boy in a bomb-detonated plot. Russell maintains this moment of truth.

Overall, the action sequences are well-structured and the film moves with great pace and composition. Russell often enhances the development of a scene and accentuates the impact of his dialogue by cutting the camera and allowing us to witness what is going on in a character's mind. When an Iraqi soldier explains to Barlow how his three-year-old son was killed in an American bombing mission, the camera cuts to a slow motion shot of a house collapsing on his baby's crib. Despite an often traditional and predictable plot, Russell catches us off guard.

**Fadil Al-Badra, Ice Cube, George Clooney, and Cliff Curtis in the Warner Brothers film *Three Kings***

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November 1, 1999

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Questions? E-mail: gallery@the-tech.mit.edu
CONCERT REVIEW
Sarah Brightman
One Night in Eden
By Seth Bisen-Hersh

October 8 and 9, 1999
The Wang Theatre

There are many different kinds of concerts: classical, Broadway, pop. Put them all together, add choreography, spectacular lighting, and colorful costumes and you get Sarah Brightman's One Night in Eden. Best known for being the original Christine Daaé in The Phantom of the Opera and also for being the former Mrs. Andrew Lloyd Webber, Ms. Brightman created an eclectic evening of many different styles. I'm just going to say it: Sarah Brightman is amazing. Any words I could come up to describe her soaring soprano would be an understatement. I believe I speak for the entire audience when I say that if she had simply worn one dress and just stood there singing to us the entire night, we would have still been swept away. However, Brightman decided to treat the audience to special effects, though. The best effect of the evening was when she sang "Captain Nemo" and simulated being underwater. This was accomplished by having her half-floating, half-flying up above the stage behind a blue, rippling scrim.

I would have to say that the low point of the evening was her rendition of "The Heart Will Go On" in Italian. Not that she wasn't great, but I really do think I'm sick of that song although it being in Italian was a nice change. In any case, the low point was soon followed by the major high points of the evening. They began with a medley of Brightman's songs from The Phantom of the Opera. Brightman started with a few of her recitatives and then sang a powerful rendition of "Wishing You Were Here Again." It was just amazing. Though, no other word for it.

Brightman's finale for the evening was the renowned love song Lloyd Webber had written for her, "The Music of the Night." Her version was just as thrilling. Before she hit any of the high notes, Brightman would start on the note an octave lower for an instant and then seamlessly connect the higher note. The two encores were the final high points of the evening. The songs just got better and better. She did Evita's "Don't Cry For Me, Argentina" and then the title song from her new CD, "It's Time to Say Goodbye." After all three of these songs, she received a massive standing ovation from the virtually sold-out Wang Theatre.

Sarah Brightman is amazing. If you ever get the chance to see her in anything, be it a show or concert or whatever, go to it. She is beyond a doubt one of the best sopranos who ever lived. Her style and love of many musical styles adds to her appeal and charm. Her beauty and beautiful singing voice will enrapture you. You, too, will get to join her on her journey to Eden.

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Room 3-442

Interviews:
October 14, 1999

Contact Courtney Sarno:
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Down with Science

by Jennifer DiMase

GENETIC MAPPING ALLOWS YOU TO APPROXIMATE THE DISTANCE BETWEEN THE CLOSELY LINKED GENES. TO BEGIN, YOU MATE TWO ORGANISMS WHO HAVE TRAITS THAT ARE EASILY DISTINGUISHABLE FROM THE PROGENY, YOU ISOLATE THOSE WHICH LOOK DIFFERENT FROM THEIR PARENTS. THESE CONSTITUTE A RECOMBINANT CLASS, AND THE DISTANCE BETWEEN THE TRAVEL:END.XML GENETIC LOCUS IS CALCULATED BY DIVIDING THE NUMBER OF RECOMBINANT BY THE

IF I COULD JUST ASK HER TO THE DINNER, I'D BE...I THINK I'LL BE

DOUGH-OKAY!

the crass rat

ARNOLD--I THINK THIS GIRL IS WAY OUT OF MY LEAGUE...

HONESTLY, IF YOU WERE A GIRL, WOULD YOU FIND ME ATTRACTIVE?

WELL, MAYBE IF I SQUINTED A LITTLE...

WELL, DEFINITE IMPROVEMENT... ALMOST TOM CRUISE...

BUT YOUR EYES ARE SHUT...

KIRKHAM 10-12

FAIRYTALES @ MIT

HAVING BEEN IMPRISONED FOR HER ENTIRE LIFE, WITH NO ONE TO VISIT BUT THE WITCH, ...

QUIT IT! I'M NOT THAT UGLY!

RAPUNZEL HAD DEVELOPED SOMEWHAT OF A NERVOUS TWITCH...
A GOOD LEADER
LISTENS TO HIS
EMPLOYEES...

NO MATTER HOW
MUCH HE IS
LAUGHING ON
THE INSIDE.

MAYBE THIS
ISN'T A
GOOD TIME.

YOUR PROJECT IS
TWENTY PERCENT
OVER BUDGET AND
TWO MONTHS LATE.

THAT'S BECAUSE
YOU BUNGLED THE
ALLOCATION OF
RESOURCES.

WALLY, YOU'RE
INVITED TO MY
NEW "AFTER-5
CLUB."

A SELECT GROUP OF
EMPLOYEES WILL
MEET AFTER WORK
TO THINK OF
CREATIVE IDEAS.

BOSSES HATE THE
WORD "BUNGLED."

IS THERE A CLUB FOR
PEOPLE WHO KNOW
HOW TO THINK
DURING BUSINESS
HOURS?
I just found out that I didn't make the football team.

What?! They cut you?! They can't do this! It's wrong! It's unfair! Who do they think they are?!

What kind of wretched, cruel universe would allow this to happen?!

Um, it's nice to see you take my side who plays halfback for a change.

Think you have enough books in there?

Books?

Mom, I'm on my way to school.

Correction: Think you have enough Pokemon cards in there?

Truthfully?

Have you seen all these trading cards our son is amusing? Game, all the kids at his school are playing it.

Apparently, Jason's got every card except one, and he's been butting packs like crazy trying to get it.

He's borrowed his next 37 allowances, it's like a sickness.

So he doesn't have one card? What the big deal?

Did I mention I have the Charizard card and you don't?

Only 814 times.

Eileen.

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EDP Proposes New First Year Program

By Matthew Palmer

The preliminary report of the Educational Design Project urges MIT to improve the first-year experience with increased hands-on learning and more integrated Institute requirements. The report may also lead to changes to the current pass/no record grading system for freshmen.

The EDP presented its report to the Committee on the Undergraduate Program in August, and CUP members are shaping their agendas for the current academic year around the project's proposals. The report suggests, among other things, that MIT offer mini-courses to introduce engineering subjects, a project-oriented interdisciplinary subject, and introductory laboratory courses. The current science and humanities requirements will remain unchanged.

In addition, a new twelve-unit class unique to each year (Mission [year of graduation]) would be required. This would focus on problem solving and integration of science classes and the humanities. Teams of five freshmen would work on one of ten projects related to a vague but intellectually challenging mission. At the end of the course, students would design a website to present their results.

Report tackles Task Force report

One problem the Presidential Task Force on Student Life and Housing cited in its report was "the perceived lack of enthusiasm and excitement in the first-year program." The report said that the combination of high work load, large lectures, and dry material too often discourages freshmen. The EDP hopes that the pilot programs will reinvigorate first-year students. The EDP might also make recommendations that freshmen will not have several projects or tests due at once. Also, they want to see a change from what they call the "lecture-problem set-quiz" routine to an "inquiry based" learning approach. The EDP report points out a lack of coherence and relevance among the core science subjects.

EDP Co-Chair and Professor of Media Arts and Sciences Stephen A. Benton '63 said the group sought to "make the choice of major more visible and help freshman get involved in project work." He said the new initiatives should not hold anyone back, but should instead "offer new options."

Report recommends pass/no record

The report states that many first-year students are now taking upper level courses, and this "curriculum creep" may lead to changes in the current pass/no record system. The report presents several alternatives to the current pass/no record system, including eliminating pass/no record for the second semester of freshman year, assigning pass/no record status to only introductory courses, or allowing students to take one pass/no record class each year after the sophomore year. The CUP will now look into the best available option.

EDP's future uncertain

The EDP was created last fall by the CUP and the Office of the Dean of Students and Undergraduate Education. It was co-chaired by Professor Benton and the former Dean for Undergraduate Curriculum, Kip V. Hodges '82.

The EDP hosted two meetings with both MIT alumni and current students to discuss their respective first-year experiences. The committee also sought input from faculty, freshmen advisors, the Academic Services Staff, and science lecturers. In the future, the EDP may become a new committee that would report to the CUP. The committee would consist of faculty representatives and one or two student representatives, and the committee might make recommendations that would be voted on by the entire faculty.

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7:00 - 8:00pm Presentation
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The Class of 2003 council has started a new program to involve more students in planning class events and functions. The Freshmen Forum, created by Class of 2003 President Patrick D. Kane '03, attempts to utilize MIT's "house pride" by using representatives from the dormitories and fraternities, sororities and independent living groups to publicize class activities. In addition, Forum members will be the "eyes and ears" of the class council, Kane said, in order to better address class issues.

Freshman Forum involves students

"The Freshman Forum will be the first [program] of its kind at MIT. It will help to promote widespread involvement and will serve as a medium in which Living Groups and Dorms can have their ideas and opinions adequately represented," Kane said.

Class councils typically plan a number of activities each term, including social, academic, and community service events. Normally, class officers are responsible for planning such events. Kane hopes that the forum will distribute events planning among more freshmen.

"This Thursday's forum will also inform members of upcoming activities; one of the most immediate being Family Weekend," Kane said. "On the Saturday following the forum, freshmen will have the opportunity to participate in a joint student/parent community service event to be held on-campus."

 Forums represent dorms, FSILGs
 Kane hopes that forum meetings will consist of representative freshmen from every living group at MIT. There will be at least one representative from every fraternity, ILG, sorority, and several from each dorm. Kane said, perhaps even one from every floor or entry in each dorm. These representatives would act as liaisons to council officers.

"This is a necessary evolution in MIT's Student Government," Kane said. "As a class we intend to illustrate the significant benefits that can be reaped from a well-founded means of broad range communication."

Kane hopes that Thursday's opening forum will show members the many ways they can contribute. "As a member of this new body, each individual will be asked to give input on a variety of class and MIT related issues," he said.

The class council hopes to have the first forum in time to get freshmen involved in Family Weekend and other upcoming campus-wide events, as well as to plan socials and study breaks for the class.
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Friday October 22
Somerville Theater/Davis Square
Pre-performance discussion at 6:00pm
Performance at 8:00pm

DAYD SEDARIS

Sedaris found an audience after being asked to read his "The SantaLand Diaries" on NPR a few years back, describing his stint working as a Santa's elf for Macy's department store. Sedaris has the kind of conspiratorial voice that makes you think you're getting the scoop over the phone from your best friend. It's that voice—and delivery—that puts Sedaris in the top tier of "must-see" authors who cruise into town. 

From the November 5, 1998 issue of Metro Santa Cruz.

Saturday October 16
Sanders Theater/ Harvard Square
8:00pm

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The problem, part 1:
When the earcup is clamped tightly against the head, the speaker is driving into a highly resonant structure. (The earcup is small compared to low-frequency wavelengths, yet large compared to high-frequency wavelengths. So the impedance vs. frequency seen by the driver varies substantially in magnitude and phase.) The control system must compensate for these high Q resonances – a difficult problem in itself.

The problem, part 2:
In practice, there’s always a leak between the person’s head and the earcup, which changes the acoustic transfer function. The size of the leak varies with the clamping force and the shape of the wearer’s head.

The challenge:
Design a high-bandwidth, high-gain control loop that’s stable even when the high Q resonances vary wildly in frequency.

If this is the kind of challenge that interests you, let’s talk. Share your thinking with us at these on-campus events:

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Monday, November 1 at 6 PM.
Room 4-149

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Career Development Center
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• FAX: 508-766-7031 • E-Mail Lyn_Van_Huben@Bose.com • Snail-Mail: Bose Corporation, The Mountain, Framingham, MA 01701
Student Groups Appeal ASA Finboard Allocations

By Aurora Schmidt

STAFF REPORTER

The Undergraduate Association Finance Board recently announced the results of fall appeals for student group funding.

A total of 51 student groups applied for additional fall funding. Of the 110 groups that submitted requests in the original budget compilation, 30 groups appealed their original allocation. Other appeals were from groups who failed to apply for money during the original allocation session.

The Undergraduate Association had a total of $191,420 to give to student groups this year. However, groups requested a total of $113,177.34 for this semester alone.

One of the groups that requested additional money did so only because its treasurer did not realize they had gotten money during the spring budget compilation. Groove Phi Groove’s new treasurer did not realize the amount of money they received, uses for which the funds were rescinded. $490 of the original allocation was reorganized, $800 from MIT Reactions to appeals mixed.

Some groups appealed for more money, not requesting additional money, already had all of their $310 appeal. They had gotten money during the spring. Days for budget changes created.

Other student groups like the Japanese Association of MIT and the Central American Students were told to go to the Graduate Student Association for money, because a majority of their members are graduate students.

“We mostly fund only groups that have a majority of undergraduate students. If they can present some special reason why they cannot get money from the GSC,” said Mendel Chuang, ‘02, a member of Finboard.

New Finboard rules take effect. This year’s appeals process was the first in which Finboard no longer allocated funds based on itemized requests. Instead Finboard allocated money for four separate categories of financial need, including operations, capital, events, and production and publicity.

This change allows groups more flexibility in the ways they can use their funds, Chiang said. “It is a good step towards making Finboard more student-group friendly,” said Chiang.

Some groups appealed merely to reorganize their funds. The MIT Marching Band, for example, appealed on record for over $2,000. However, the group was not requesting additional money, but just a reorganization of the uses for which the funds were allocated.

Groove Phi Groove’s new treasurer flexibility in the ways they can use the spring budget compilation. This change allows groups more flexibility in the ways they can use their funds.

By allowing groups to ask for more money during the term or change the uses for which money is allocated, the UA hopes to use its money more efficiently. Tomorrow will be the first of these updates for this semester.

Finboard Allocations

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<th>Group</th>
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| Opportunities available for exceptional students with the following majors: |
| Aeronautical Engineering       | Computer Science |
| Chemical Engineering           | Electrical Engineering |
| Civil Engineering and Construction Management | Finance/Accounting |
| Computer Engineering           | Human Resources |
| Construction Management        | Industrial and Labor Relations |
| Management                     | Math |
| Marketing/Communications       | Mechanical Engineering |
| Physics                        | |

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Bring technology to the edge.

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invites you to our

Corporate Presentation

Date: Tuesday, October 19, 1999
Time: 2:00-5:00pm (reception to follow)
Place: MIT Faculty Club
Attire: Casual

To express interest please send resume and cover letter to:

Natalie Calia
Recruiting Manager
Booz·Allen & Hamilton
101 Federal Street
Suite 1900
Boston, MA 02110
617-342-7161

Resume Deadline: October 27th
This space donated by The Tech

GSC MEETING MINUTES

Introduction and Remarks
• President introduced recent GSC activities. Fall '99 Career Fair had a fivefold increase in the number of companies compared to last year. The success of these events along with orientation have built significant momentum for the GSC this year.
• A reminder: Voter registration deadline is October 13 for the Cambridge City Council election. The election date is November 2.

GSC Strategy
• Over the last few years, the involvement of the Council in organizing activities and dealing with issues has been rapidly increasing. From the strategic planning process and the work of the officers, two strategic goals for the GSC have been identified: (1) strengthen the tie between graduate students and alumni, and (2) enhance the representative nature of the Council and its members. The more GSC can collaborate with other organizations, the more that can be achieved.

• November 11 is the new representative rotation date.

GSC Structure
• GSC needs better data on minority students. This success was attributed to the recruitment strategy.

Recruitment of minority graduate students is hard to do centrally at MIT. A suggestion was given to learn from the Undergraduate Student Office.

• Recruitment of minority graduate students at MIT. This requires more complete data collection and better use of data. Information in the MIT guidebook does not accurately portray the demographics.

• GSC needs better data on minority students at MIT. This requires more complete data collection and better use of data. Information in the MIT guidebook does not accurately portray the demographics.

Advocacy efforts are focused on working with the Graduate Student Office to develop recommendations on recruiting and welcoming efforts such as a spring diversity weekend similar to the undergraduate Campus Preview Weekend. Support and ratification of the resolution is sought from other student groups on campus.

• GSC needs better data on minority students at MIT. This requires more complete data collection and better use of data. Information in the MIT guidebook does not accurately portray the demographics.

Meeting Purpose and Interviews
• Officers: Statement of purpose and speech at GCM.

• Committee Chair: Current chair nominates and approved by the committee.

• Institute Committee Representative: Statement of purpose and interviews.

• Departmental Representative: 20 signatures from students in department.

• Does the requirement of 20 signatures place a huge burden in joining GSC? The responses suggest that the requirement is reasonable and helps students to identify with others in their department. An additional suggestion is required to ensure the signature of the departmental graduate administrator. It also seems to be generally known that one can participate as a regular member with no pre-requisites.

• We still require representatives from the following departments: Courses 3, 5, 6, 7, 9, 11, 12, 13, 22, 24, SDM, STS, MAS, living groups.

• A question was raised about whether representatives have enough contact with their departments to form a consensus opinion, not just their individual opinion? Response: Yes, representatives present noted that they usually talk to people who are also interested in the same issue, e.g., housing.

1998 GSC/IGSA Diversity Resolution
• A representative from Black Graduate Students Association was invited to present an update on this topic. IGSA and GSC passed a joint resolution on February 4, 1998. <text located at: http://www.mit.edu/activity/gsc/Resolut/ on/diversity.htm/>

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How Do You Measure the Growth of A Child?

Unfortunately for children living in some of the poorer countries in the world, the silver lining of the umbral marks on a wall.

Childreach, one of the older and largest child sponsorship organizations, measures growth by the number of hospitals, wells for clean water, and self-help programs we build in concert with the poor families and children. One of the benefits of choosing Childreach is that our sponsored children live within easy reach of the nearest hospital.

So when you become a Childreach sponsor, you’re not just sending money to impoverished parents or sending letters that speak of hope. You’ll know that you’ve helped to make a real difference in the lives of children in the childreach family, and community.

For more information about Childreach sponsorship, please call 1-800-752-3400 or send in the coupon below.

Susie Bright
speaking on her new book

Opening up to Your Sexual Creativity & Erotic Expression

Friday, October 15, 7:30 p.m.
Wong Auditorium, corner of Amherst & Wadsworth Sts., Cambridge

Hailed by Utne Reader as "a visionary" and the San Francisco Chronicle as "the X-rated intellectual," Susie Bright is indisputably the "sexpert" of our times. In Full Exposure: Opening Up to Sexual Creativity and Erotic Expression (Harper San Francisco) she offers "rules to live by" and asserts that "sexuality is the soul of the creative process, and that erotic expression of any kind is a personal revolution."

"Ms. Bright refuses to let the sexual controversies of our day poison her passion." — New York Times Book Review

Cosponsored with MIT Women's Studies, funded in part by the Council for the Arts at MIT, the de Florez Fund for Humor, and LBGT Issues Group

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Recruiting Coordinator • Dean & Company • 805 Leesburg Pike, Suite 500 • Vienna, VA 22182 • 703.506.3900 • www.dean.com
Well...good morning, Mr. Six. You certainly have a determined look on your mechanical face. What's up?

Okay, hot rod...since I'm in a good mood, I don't mind telling you that I just came over to kick your milky-white little hiney.

Well well...looks like somebody just got a brand new set of jumbo-sized, stainless steel ball-bearings installed.

Hmm, perhaps they are rather excessive. I don't suppose you'd be kind enough to polish them up for me...would you, Ted?
The ring pull.
It's convenient. It's efficient. And it's simply brilliant.

Want to learn more about a career that fosters this kind of thinking? Consider this an open invitation for open minds.

Thursday, October 14, 1999
Firmwide Information Session for Sloan Students
6:00 pm
Cambridge Marriott Hotel
Two Cambridge Center
Cambridge, MA
Casual Attire

Thursday, October 14, 1999
Investment Research Divisional Information Session
6:30-9:00 pm
Room 4-163
Casual Attire

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THE TECH Page 27

INVENTORS

WALKER DIGITAL CORPORATION, an Intellectual Property research and development laboratory located in Stamford, CT, is a creative environment where entrepreneurs work to reinvent business through technology. With over 450 U.S. and international patents pending, you may have heard of our most recent success — Priceline.com, our "Name Your Own Price" patented commerce system on the Internet.

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Think tank.

Where would you rather work?

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INVENTORS

Manage the invention process from idea to issue patent. Develop and coordinate new business and marketing ideas to be patented. Use your excellent writing and communication skills, problem-solving ability, strong interest in the Internet and technology, innovative thinking and strong sense of curiosity.

RESEARCHERS

Assist in the inception, analysis, development and marketing of inventions that benefit the business community. Use your computer skills (Internet, Lexis-Nexis, Westlaw, Dialog) and knowledge of available research tools to analyze and evaluate information relevant to an invention disclosure and present results to staff inventing & legal teams.

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VISIT US AT OUR INFO SESSION • OCT 26
MIT INTERVIEWS • OCT 27
(Check Career Center for time and location)
Shouldn't your future be as bright as you are?

As a leader in driving radical transformation in the private and public sectors, AMS is looking for individuals who are hungry for the opportunity to build their personal portfolios of challenging experiences. We need motivated people who are willing to accept the responsibility for determining how rapidly they advance. We need people like you.

What are you doing to do about it?

A special welcome to these recent MIT alumni who are now working at AMS:

Geoffrey Bliss, MBA  
Dodric Carter, MEng, 6  
Danica Cheung, 15  
George Dolina, 6  
Ashok Eastman, 15  
Benjamite Hoelzle, 6  
Michael Kashambushi, 2  
James Matsyazuk, 6  
Katherine Navarrete, 15  
Meredith Otterson, 15  
Pearl Shen, MBA  
Hui Wong, 6  
Mykolas Rambus, intern, 15

What are you going to do about it?

We're going to be on campus soon to answer any questions you may have about who we are and what we do. Come meet us on the following dates and learn how you too can join the many MIT alumni at AMS.

AMS Corporate Presentation  
Tomorrow, October 13, 1999  
7pm-9pm, in 6-120, Casual Attire  
A drawing will be held for a Palm V. Must be present to win. Refreshments will be served.

AMS Fall Interview Schedules  
October 28 and 29, 1999  
Drop today in InterviewTrak. Submit your resume through JobTrak.

amsinc.com

An Equal Opportunity Employer
Come Raid the Vault!

For a limited time, Vault.com's full length insider company profiles and industry profiles are FREE online!*

Get the inside scoop on major industries and top companies, find out about corporate culture, hiring strategies and more at VAULT.com! If you like what you see, purchase the book through our website or your local bookstore.

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*Free Vault.com membership required

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Alumna Born Vows To Improve Schools

Born, from Page 1

community affairs while attending MIT. "What I learned at MIT was a big reason for my getting involved in politics," she said. "There was a sense of social justice. And I was being trained as an architect, so I had to ask myself: "What makes a good city?"

Born spoke fondly of MIT, but also said that, after raising four children in Cambridge, she became aware of the problems associated with universities and the rest of the city.

"We have very, very bright students in Cambridge public schools," she said. "There is no excuse for our not having public schools that are top in the nation. If we have two of the top universities in the country here, we can have the best schools in the country as well. Universities may think they have done their share, but they clearly haven't."

Born also said that although institutions in Cambridge have a great deal of wealth and brain power, the companies spun-off from them contributed to the current affordable housing problem by gentrifying the city. As a city councilor, she plans to establish a "real partnership between these institutions and the public schools."

Born called for students to become more involved in community service in order to change the system.

Born learned a lot about social activism at MIT, "she said. "I also learned that if you want to get involved in the community, you have to come and volunteer." Born described her method of paying for MIT tuition: "I worked my way through MIT by cooking," she said. "There was a weekly eat called the Baked Forum. For three years, I sold lunch to about 300 students to pay for school."

Born on Snowberg's campaign

Born expressed support for fellow candidate Erik C. Snowberg '99, the first student in Cambridge to run for a city council position.

"I think that having Snowberg run is a tremendous opportunity," she said. "I think it's welcome, because we haven't seen any involvement from students in the past. They don't tend to vote and there appears to be a good amount of student apathy." Born contrasted that apathy to the political involvement of students at MIT during her undergraduate years.

"I think that students need an issue to get involved around. When I was a student at MIT, students were committed to social activism...the reason I went to MIT instead of Harvard is that I felt MIT had a conscience. People at Harvard were more into business. At MIT, they were wearing blue jeans. MIT had a connection with the real America."

Born hopes that more students, get involved in Cambridge life, mainly through service. "I think that for students to be involved in the political life of the city, community service is the entry. My involvement started because of my commitment to public school education and zoning issues in my community. I think more students need to find their own issues to commit to."

Opportunities created here.

Bring together today's hottest areas of convergence — technology and financial services. Add a work environment that combines industry knowledge in IT, communications and media with M&A transaction experience. You'll see something new beginning to take shape: career opportunities unlike those at other investment banks or consulting firms. Join the firm that specializes in creating opportunities for our clients and professionals. Broadview. With offices in the US, Europe and Asia. For more information reach us at www.broadview.com or submit resumes to analystrecruiter@broadview.com.

Investigate career opportunities in

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Thursday, October 21, 1999 AT 6:00 PM

in room 4-153

WWW.BROADVIEW.COM INFORMATION TECHNOLOGY COMMUNICATIONS MEDIA
Creating Minor Could Require Hiring Additional Sloan Faculty

Minor, from Page 1

would not personally want to take the minor, but he could understand why others would. “It would be very valuable for entering the business world. I’m sure people here think of their entire career,” Cho said.

Kay M. Tye ’03 agreed with Cho. Although Tye is planning on majoring in Course IX (Brain and Cognitive Science), she said that she would like to “start a new company or invent a new drug. So I would need to know how to market that drug. It’s where the money is and I want to make money.”

Another first-year student, Jesse K. Baker ’03, said that she has not decided on a major yet, but that a management minor would be a good idea. “I am thinking of a biomedical engineering minor. If I don’t do that, I would probably do some kind of business minor so I could have more options for a career,” Baker said.

More faculty would be needed

Currently, students must enter a lottery to enroll in certain Sloan classes, typically the higher level finance courses. This system could become overloaded if more students try to take classes at Sloan. To compensate for these additional students, Meldman said that he expects “a significant increase in the size of our faculty. We hope once the minor begins, we will be able to accommodate more students altogether.”

Meldman thought that MIT would most likely help Sloan obtain additional faculty. At a recent faculty meeting, Meldman said, Chancellor Lawrence S. Bacow ’72 said that the Institute would like to see more undergraduate education in management.

Assuming that the minor encounters no major roadblocks, everything except new faculty hiring should be approved by January. Because hiring faculty is difficult in mid-year, Meldman said, these positions could most likely be filled by the fall of 2001, at which time the new management minor could be implemented.
CHANGE YOUR MIND

Information Session
Wednesday 7 pm
October 13, 1999
4-159

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Business Strategy    Program Management    Experience Design    Technology

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GSC MEETING MINUTES

Minutes, from Page 23

work patented. It usually takes $20,000 for TLO to get through a patent process.

The question was left unsettled as to whether the patent policy should be more convenient and encouraging to students wishing to license patents from MIT. In an industrial setting this would not be an issue, but the educational environment ought to be different.

- Extend an invitation to our Institute Committee representative on the Copyrights and Patent committee to update us on the accuracy of Boot's claims and any discussions about policy change.

Committee updates

Academic, Research, and Career (ARC)

- Career Fair is a success. Social to reward Career Fair volunteers is planned.
- Feel the need to re-allocate some money from other areas of ARC to the Professional Development Seminar Series.
- Currently working on revising the Travel Grant guidelines. Advertising will begin in two weeks once the guidelines are confirmed. Externship recruitment should begin soon.

Activities Committee (AC)

- November 8 is the next committee meeting.
- November 8 is the next committee meeting.
- GSC Social is on October 15 (open to all graduate students).

- Hiking Trip is on October 23.
- AC is collaborating to develop a campus dinner series to bring faculty and students together in a purely social venue. This falls in the broad category of building community within MIT. Housing, Community, and Affairs Committee
- Committee is currently without a chairperson.
- Rental rates stories from MIT graduate students are included an October 3 Boston Globe article. This contact was facilitated by the HCA discussion list.

Orientation Committee

- Coordination with other departments should be arranged very soon.
- Chairs for next years orientation should be identified soon in order to complete the planning in a timely manner.

Publications Board

- Graduate Student News distributed on October 7.
- Muddy Charles
- The Muddy Charles Pub is having a cribbage tournament, anyone interested should sign up at the Pub.

Announcements

- Council on Educational Technology has positions available for graduate students. This is extremely relevant considering the recent partnership between MIT and Microsoft to develop I-Campus.
- ODSUE Hearing Panel needs graduate student representation.

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For more information, or to email or fax a cover letter and CV contact:

**QUALIFICATIONS**

- Excellent research & writing skills, and attention to detail a must. Computer proficiency, an ability to be focused, meet deadlines and work independently are very important. Japanese language skills a plus.
- Knowledge of life science technologies. Our clients include industry leaders in the biotechnology, pharmaceutical and medical device sectors. We seek outstanding, top performers to join our Boston office.

**COMPANY DESCRIPTION**

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**QUALIFICATIONS**

- Excellent research & writing skills, and attention to detail a must. Computer proficiency, an ability to be focused, meet deadlines and work independently are very important. Japanese language skills a plus.

**JOB DESCRIPTION**

The Biotechnology Associate will support project leaders in conducting analysis to support product development and IP strategy decisions. GCC operates on the cutting edge of development and commercialization of life science technologies. Our clients include industry leaders in the biotechnology, biopharmaceutical and medical device sectors. We seek outstanding, top performing team players to join our Boston office.

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**QUALIFICATIONS**

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