Carter, Sandoval Triumph in UAP, UAPV Elections

By Venkatesh Satlsh

The Undergraduate Association and the Graduate Student Council recently made the final decision on where to allocate $40,000 granted by Provost Joel Moses PhD '67 for small student groups last October.

The UA allocated over $33,000 to 20 student groups, according to UA Treasurer Russell S. Light '98. Of the total amount, $32,000 comes from the provost's gift, and the remainder will be covered from funds in the UA's budget, he said.

The GSC distributed $8,500 to seven organizations, with $500 coming from the GSC's own funds, said GSC Treasurer Lawrence D. Barrett G.

The total amount of money requested from the UA and the GSC totalled about $180,000, Barrett said.

The groups developed joint criteria for distributing the money at a December meeting attended by members of the UA, GSC, and the Association of Student Activities, said Katherine G. O'Dair, assistant dean for the Office of Residence and Campus Activities, who advised the groups.

The funds were initially going to be distributed by the proposed Central Allocation Board, a committee that would handle most student funding requests.

After students, the UA, and the GSC expressed dissatisfaction with the idea last fall, plans for helping researchers learn "to identify areas of research that are potentially candidates for commercialization...[and by] protecting the intellectual property through patents, copyrights, etc."

By Frank Dabek

Economic Impact Studied

According to the first national study documenting the economic impact of a research university, MIT alumni have founded more than 4,000 firms which employed an estimated 1.1 million people and generated $32 billion in sales worldwide in 1994.

BankBoston and MIT conducted the study, which was entitled, "MIT: The Impact of Innovation." The study reported that if the companies founded by MIT graduates and faculty formed an independent nation, "the revenues produced by the companies would make that nation the 24th largest economy in the world," placing MIT above Thailand and below South Africa.

"The report demonstrates clearly part of the return to society on the investment that the federal government makes in our students and faculty through the sponsorship of research at universities," said President Charles M. Vest.

"The study demonstrates how entrepreneurial and creative our alumni have been," said Lawrence S. Abe1, director of the masters program at the Sloan School of Management.

The news was also welcomed by Massachusetts politicians. "The people of Massachusetts have always known that MIT is a huge asset for our state and country—now we know just how big an asset it is," said Senator John Kerry, D-Mass.

Solomon Douglas (piano) and Pedro Ventugo (bass) entertain students at the 24-Hour Coffee House on Wednesday in the Student Center.

MIT's Economic Impact Studied

MIT officials credit a number of factors for the Institute's large economic impact. MIT alumni have been "a breeding ground for entrepreneurship," he said. "We are a breeding ground for ingenuity. Ten to 15 percent of Sloan graduates go on to entrepreneurialism," Nelsen said.

Sloman has been incorporating entrepreneurship into its curriculum "in the form of the "product and new venture" track," Abe1 said.

Programs such as the $50K Business Plan Competition, Independent Activities Period courses given by the MIT Enterprise Forum, and lectures in engineering courses on patenting, licensing, and starting up new businesses were ways that Sloman "reinforces a climate of entrepreneurship," Nelsen said.

Research still focuses on discovery

Although the study focused on the economic impact of MIT innovation, many at MIT feel that it is not only entrepreneurship that drives entrepreneurship alumni.

"Learning is MIT's most important asset. We leverage both formal education and through our research, which is woven together with education," Vest said.

Research without immediate commercial applications was also seen as a valuable. "What I believe should not be done is to encourage researchers to veer their efforts away from discovery research and into 'practical research' for the sake of entrepreneurship," Nelsen said.

"Entrepreneurship is a pleasant and encouraged by-product, not the primary objective," said Vest.

MIT seeks to strike a balance between research, education, and business, the report said. "The combination...preparies our graduates to contribute to society, and one important way that many choose to do this is by developing companies that create jobs and wealth," Vest said.

EECS majors founded most firms

The study revealed that companies founded by MIT compare favorably to the rest of the economy. According to the study, 80 percent of the jobs in businesses associated with MIT are in manufacturing, compared with 16 percent nationally.

Electrical engineering and computer science majors founded the most firms, followed by mechanical engineering, civil engineering, and chemical engineering.


MIT-related firms have offices in all 50 states, concentrated in greater Boston and the Northeast.
A vigorous cold front will then pull through later on Saturday, with rain near Long Island Sound, bringing more rain to coastal locations.

A large system moving into the Great Lakes area early on Friday, U.S. officials in Washington said another 110 were to be airlifted to Jordan. A volley of automatic rifle fire on a busload of Israeli schoolchildren brought about 40 minutes before allowing them access to the wounded.

Reno Says She Traveled to Contact Lake About Chinese Allegations

By Marjorie Miller

WASHINGTON

A journalist unable to secure a visa to travel to China to interview the Nevada senator presiding over a Senate Emergency Council. She said she assumed the information would reach the appropriate authorities.

In fact, the two NSC officials who were briefed by the FBI did not inform senior White House officials. How that happened led to an internal investigation between the White House and FBI officials. White House officials initially complained that the FBI gave the information to the NSC officials on the condition they not tell their superiors — an assertion the FBI publicly and summarily denied.

Reno described the incident as a misunderstanding, but a serious one. She said she had ordered an internal investigation to determine where the breakdown in communication occurred and concern about the disarray intelligence information.

Wilmut's Cloning Achievement Discussed at NIH

By Tracy Wilkinson

TIRANA, ALBANIA

The upheaval sweeping Albania finally reached the capital Thursday, as thousands of communists demonstrated that pancake-shaped globules in the rock grew at temperatures near 0°C.

The invasion to Wilmut was extended months ago by the molecule-altering technology called the recombinant DNA technology. The Wilmut's stunning achievement has an opportunity, finally, to talk basic science - rather than scientific abstraction - to a large audience.

The truth about 12-year-old and 13-year-old Israelis — and one coming from an Arab whose country is Arab is that the information is from several witnesses. The brutal attack on 12-year-old and 13-year-old Israelis — and one from an Arab whose country is Arab is that the information is from several witnesses.

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The Pentagon reported that 13 people were killed in a suicide bombing in the vicinity of the embassy.

"We have started a process that will take us to the American Embassy to leave," said Capt. Michael Doubleday, a Pentagon spokesman.

Delegates have voted to carry out a smaller troop withdrawal in proposing to build a Jewish neighborhood in East Jerusalem and a naval base near the occupied West Bank.

The Pentagon issued a statement last month that the shooting was an attempt to disarm the gunman and that they kept Israeli soldiers were slow to overpower the gunman, and that they kept Israeli soldiers were slow to overpower the gunman.
Police Arrest Cosby Murder Suspect After Enquirer Reward Yields Lead

By Miles Corwin and Matt Laity

Los Angeles Times

Police Thursday identified an 18-year-old Russian immigrant as the man who killed Enquirer writer Emily Cosby during a bungled robbery attempt nearly two months ago. (Cosby, the 27-year-old son of entertainer Bill Cosby, was arrested two days ago on suspicion of murder. Police said Miquel Markhasev, of Russian heritage, was sought for the slaying of the young woman."

The Republic-controlled House voted Thursday to overturn President Clinton's certification of Mexico's war on drugs, but delayed imple-

mentation from the House. Bipartisan 

a far-flung operation with 4,500 nun and religious brothers at 

would force them to spend hundreds of million of dollars on new 

offering a saving on trading costs for investors of 2 1/2 cents per 

able to their own telling, the report's finding that costs of 

two congressmen planned to introduce legislation Thursday to 

terial economists for the Congressional Budget Office.

__GDP Congress Votes to Overturn Mexico's Drug Alley Certification__

By Stanley Meilner

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Overzealous Proselytizers Should Back Off

Column by Brett Altschul

In an intense environment like MIT, the spiritual life of students probably suffers. Fortunately, there are many religious options readily available to students. However, I'm increasingly bothered by the fact that some of these groups are more than just non-members to non-members than assistance to members. I can't claim to have any data on how much good these groups do their members. That's a wholly subjective piece of data anyway. I'm not sure if there's any good information about sitting in lobby 10 singing religious hymns are enjoymenting themselves and that their faith is a real asset to them. More than once, just the sound of singing in the drab halls of MIT helps to bring me some spiritual coolness; I'm sure many of these groups do their genuinely worthwhile activities. However, while traversing the Infinite Corridor, I also face another kind of religious group. Inexorable in an inane manner, this group is a waste of time. There is no reason for them to exist. Some of them are quite brilliant people, but they all center around issues that are not going to change the future.
Students Think Little About Surroundings

Guest column by Abigail Mieko Vargus

I'm always amazed when I look around me. I see thousands of students who just couldn't care less. While I understand how much time classes can take up and how much more time is taken up if you happen to be involved in something (whether that means a sport, an activity, or even a boyfriend), I still have trouble comprehending how little thought so many MIT students put into their environment.

No one seems to pay any attention to most campus issues. When the firebowl was moving, I was surprised. But not for long. It seems that the original excitement has died down to a more few who care and a large mass who are just tired of hearing about it. And these people started out saying what an outrage it was that MIT should do so callous and irresponsible as to move a place that held such an important place in the minds and hearts of the students.

Obviously, the administration has proven nothing is that important to the students. Some of you may argue that the reaction to the column by Stanley E. Bliss '98 about fraternalities "[Hypocritical Fraternities Embarrass MIT," Feb. 25] should be evidence that students do care. However, I merely saw a bit of head-shaking, very little action, and a campus full of short-term memories. Of course, there is always the question of whether this is a real issue for the MIT community. If the column had focused on her perception that alcoholism is too prevalent on campus and at fraternities, it would be something that students and the administration should be concerned about. Most of the people I know saw the column as an insult and not much more.

I was wondering if the Undergraduate Association elections this week would prove me wrong or at least cause me to re-evaluate what I think. Nope. So far I have heard from three people about the elections. That might not be such a bad representation except that two of these people were running for office. One of them didn't even think that my last name, but he apparently found it in a determined effort to increase his voting base. Good for him. Of course, he needs to be aware that most of his friends won't even take the very little time required to vote. No one else I know is planning on it.

One thing I have heard many student athletes bemoan is the lack of support for our teams. There is never a crowd of supporting students who care to come out to a game, a race, a match. I am very personally sympathetic with this claim because I belong to a team. Every game we look into the stands and see our faithful few -- the boyfriends and the teammates who aren't the game that night. It's a big deal to each of us if someone we know actually comes to a game.

At the same time, nor that many of the athletes who complain will go to see a friend perform or participate in some other activity. I made a deal with myself that I wouldn't complain to my friends about their not coming to my games if I didn't make an effort to see them doing whatever it is that they enjoy. That includes everything from acting with the Shakespeare Ensemble to playing another sport to having a party to competing in 6.170 to singing with one of the many vocal groups at MIT.

I could just be an exception. Or maybe I just don't see the activity on campus that really is there. However, in three and a half years here at MIT, I would expect to see a medium of interest in campus life. Then again, I was warned that I might not have a life if I came here.

Occupation and Violence Mark Israel's Treatment Against Lebanese People

Guest column by Walid R. Fayad, Mona M. Fawaz, and Maha M. Yahya

Since March 14, 1978, Israel has illegally occupied over 10 percent of Lebanese territory. Over 20,000 civilians have been permanently displaced and dozens of villages eradicated, and part of the country has already been annexed with barbed wire. With the current changes in regional conditions, all justifications for this continued aggression have become even more absurd. Increasingly, Lebanon is referred to, mainly in the Israeli media, as Israel's Vietnam.

For the past six years, Lebanon, in the aftermath of a 16-year civil war, has been actively rebuilding its political, economic, social, and physical infrastructure. Needless to say, the conflict in the south of the country continues to act as a major impediment to peace and reconstruction. In addition to the occupation, Israel has carried out three mass-scale assassinations -- which have included the capital Beirut -- in 1982, 1993, and 1996, notwithstanding the weekly attacks on Lebanese civilian areas. As a result of this recent violence, over 25,000 Lebanese civilians have been killed, and insured one-fourth of the Lebanese population has been injured and/or displaced from their homes between 1978 and 1996. In the process, Lebanon's effort to reconstruct and rebuild the city have been hindered by the threats of these attacks. As Maarri's Shalom Yezhulmi stated, "last April's operation Grapes of Wrath inflicted enormous damage on the Lebanese infrastructure and didn't cost the life of a single Israeli soldier and/or civilian" [Maarri, Apr. 9].

One aspect of the resistance often ignored in the media is that of the civilians who have adamantly remained in their occupied and shellacked villages for 20 years under increasingly intolerable conditions. The fact is, both aspects of the resistance -- military and civilian -- cannot be dissociated from each other. The very same inhabitants of these villages constitute the heart of Hizbollah's resistance within the occupied zone. This basic fact is routinely skirted by the mainstream press when they characterize Hizbollah in this area.

Fayad, Page 6
Some Proselytizers Should Learn to Be More Tactful

Altschul, from Page 4

gave up after not too long. Apparently, they now believed I wasn’t interested. I considered calling the Campus Police, but I had to walk back the same way in about 10 minutes. I thought I’d give them that much time to make themselves scarce before I summoned the authorities. I don’t bear a grudge against these sort of people in general. In fact, I have a great deal of respect for the majority of them. I’ve seen students who they approach ignore them totally. Worse, I’ve seen these earnest, pious men mocked and derided. That’s completely inappropriate behavior. I am always polite to these people at the outset, and if they accept my answer, I usually wish them luck in their search for interested students. Other students should treat these people with the same respect, whether or not they are interested in the offer they’re making.

On the other hand, the people searching for converts need to practice tact as well. Most of them do, even in the face of the kind of abuse they take. I applaud them for this. However, the rotten few make a very bad impression. I get a little knot in the pit of my stomach whenever I’m approached; before speaking to people, I make sure I’ve got a viable escape route. The religious groups at and around MIT serve a very useful purpose for their members. However, all these members need to accept that these organizations aren’t for everyone. Most of them already do, but a few need to respect the decisions of those of us who aren’t interested.

Israel’s Hold over Lebanon Continues to Be Unjustified

Fayad, from Page 5

as an agent of villainous “outside” countries rather than admitting that the local Lebanese population has good reason to resist Israeli repression and occupation and acts accordingly.

Israel’s demand that the resistance top for it to withdraw are nonsensical given the history of the country’s actions in Lebanon. How can the occupier ask the occupied to stop resisting? Under what system of justice and through what kind of ethics is Israel allowed to use hundreds of thousands of innocent Lebanese civilians as pawn in a deadly game that risks abolishing the tattered remnants of an increasingly elusive peace?

For this senseless cycle of violence to end, we call upon Israel to comply with UN resolution 425, to “respect the territorial integrity, sovereignty, and political independence of Lebanon within its internationally recognized boundaries, and withdraw its forces from Lebanese territory.” On this 20th anniversary of the first Israeli invasion of Lebanon, we ask that you—American readers in particular—consider the injustices perpetuated against the people in south Lebanon as it is your government that furnishes the weapons, financing, and diplomatic cover for Israel’s continued and lawless wrath over our people. We deserve to live in our homes without the fear of being bombed, invaded, or ruled by others, just as all human beings do.

Walid R. Fayad

is the president of the Lebanese Club. This column was written on behalf of the club.

COMING TO THE $50K SEMIFINAL

Come to the MIT $50K Semifinal Awards Ceremony and find out about MIT’s hottest new venture ideas!

WHEN: Monday, March 17, 7:30 PM to 9:00 PM

WHERE: MIT Faculty Club
(top of the Sloan Building E52)

The list of entrants is available on our web site.

http://web.mit.edu/50k/www/
PHISH FOLLOWERS

Phish has inspired a bunch of other bands, and Camel Productions and JHP decided to bring a bunch of them around between April 3 and May 16. Here's a list of "Road Trip '97" (appropriately titled A Live One) in 1995 (appropriately titled A Live One):

**Jazz***
- Mandolin Project/Headshrinker/ and Sipe Trio
  - May 2, 9 p.m.
  - Middle East (Down)
  - Tickets, $12 at Somerville Theater box office, Ticketmaster, and Promised Land.

**Jiggle the Handle (CD Release)/Schlegel***
- May 3, 9 p.m.
  - Middle East (Down)
  - Tickets, $10 at Middle East Box Office, Promised Land, (800)THE-TICK, Strawberries, Pipeline, and In Your Ear.
  - Tickets, $10 at Middle East Box Office.

**Moe***
- April 11, 9:30 p.m.
  - Somerville Theater
  - Tickets, $12 and $14 Available at Somerville Theater box office, Ticketmaster, and Promised Land.

**Moon Boat Lover/String Cheese Incident/The Slip***
- April 15, 9:30 p.m.
  - The Paradise
  - Tickets, $8. Available at the Paradise box office and Ticketmaster.

**Moby Dick/Sandstorm/Band***
- April 26, 9:30 p.m.
  - Middle East (Down)
  - Tickets, $13, advanced, and $15 date of show.
  - Available at the Middle East box office, Promised Land, (800)THE-TICK, Strawberries, Pipeline, and In Your Ear.

**Strangefolk***
- April 25, 9:30 p.m.
  - Somerville Theater
  - Tickets, $12. Available at Somerville Theater box office, Ticketmaster, and Promised Land.

**Groove Collective/Red Time***
- April 26, 9 p.m.
  - Middle East (Down)
  - Tickets, $14 advanced, $16 at the Middle East box office, Promised Land, (800)THE-TICK, Strawberries, Pipeline, and In Your Ear.

**JHP***
- Late March
  - Bunch of Phish years ago when a friend of mine had a colorful sticker on her notebook and raved about the band from Vermont. But I just blew it off. If this band was so great, why hadn't I heard about them?

- Fast forward to August 1995, I'm driving home from my summer job, and following a grateful Dead song, they announce that Jerry Garcia had died of a heart attack. I expected a string of mass suicides from Deadheads, but instead they filled parks across the country with candle light memorial.

- It was that night that Phish started fulfilling their role of heir to the Dead. Their third Elektra release, Rift, had done OK in 1993, as did their 1994 release, Haunt.

- The most obvious example of this is Clifford Ball, a two-day, six-set show held last August at a defunct Air Force base in Plattsburgh, N.Y. An orchestra entertained the crowd with classical music, and then Phish did an impromptu set on a flatbed truck at 4 a.m. the second day, waking fans as a moving alarm clock. Clifford Ball II will be this August [see "Concert Dates" sidebar], and other bands will probably adopt this format in coming years.

*PHISH FOLLOWERS*

Phish will be back touring the United States starting in July. You'll be able to order tickets through the mail, but your order must be postmarked April 3, 4, or 5. Tickets will be available on other ways after May 17. For information on mail order or any of the shows below, go to "www.phish.com' If you're going to see Phish this summer, check out the scene - it's worth the experience. Make them appealing to concertgoers. Like jazz, it inspires discussions of what the most interesting progressions were, how the different instruments interacted, and where the music went. It also makes people want to tour with the band, as many have taken to doing over the summer, as well as in the fall, and in other countries (tours to Europe, as well as to Israel, where the Middle East has made them popular for their musicianship and Hebrew covers). Phishheads are a lot like Deadheads in that respect (and in others). It's the musical bandwagon that keeps the tourists coming.

Their most recent offering, Billy Breathes, is their most introspective and mellow album to date. Recorded in a barn, away from the public, they've come up with a relaxing collection of tunes that continue to groove. "Free" has gotten the most mainstream attention of any of their songs, and helped put the album at the top of the charts for a while. "Cars Trucks Bus," with its organ and funky bass line, reminds me of one of Moe's "Sports Baby" or "Moe's On Fire," it's probably a Phish-inspired band. "Talk" is a song to set your alarm to on Sunday morning, and "Prince Caspian" finishes off the album nicely with an inspiring, uplifting beat.

If you're looking for a Phish starter album, try Fire (it's probably the most mainstream and diverse). Riff, the most cerebral (think of Pink Floyd's "Dark Side of the Moon"), and JHP, their most grassroots (their first release, originally only available at the shows on cassette). But it's tough to go wrong with anything (don't get Surrounded by the Air or Duude of Life and Phish if you're looking to check out Phish, however - they're spinoffs).

Everyone loves Phish, but many people are surprised when they hear them. "Oh, that's Phish? If you sit down and really listen to them, you'll see beyond the stereotypes, beyond the "bandwagon," and you'll hear a band that has a lot to offer."
A weekly guide to the arts in Boston March 14–20
Compiled by Cristian A. González

Send submissions to cri@mit.edu or by intradepartmental mail to "The Thea," Tech 3-9493.

Classical Music

Alto Rhapsodies, Upsy Dreams: Three Centuries of Music for Violin and Piano

Museum of Our National Heritage, 33 Kirk Ave., Natick, March 21, 10 a.m. to 5 p.m. Free. Information: 643-1111.

Dance

The Museum at the John J. Kennedy Library, Boston, June 1, Fri.–Thur., 9 a.m.–9 p.m.; Fri., 9 a.m.–4 p.m. Admission: $6, seniors and students $5, age 12 and younger free. Information: 565-0600.

Exhibits

Museum of Science, Science Park, June 1, 10 a.m.–5 p.m. Admission: $5, seniors and ages 4–11 $3.50, under 4 free. Information: 536-9009.


to our own. When cadet Shiro Lhadatt signs toward his destiny - to become the first man

use the space program to spark an all-out

the MIT Japan Program and the MIT Anime

Film

Wings

Free. MIT’s best and only improv comedy

conflicts with nagging questions of succes-

dle-period work, this play combines dramatic

A mid-

Comedy

Packer of Shakespeare and Co.

La Sala de Puerto Rico, Student Center, 84

Theater

Page

ON THE TOWN

March 14, 1997

On Campus

Theater

Life and Death of King John

La Sala de Puerto Rico, Student Center, 84

Massachusetts Ave., Cambridge, March 14, 1997, 8:10 p.m. Admission: $5, $3 for seniors and students; $7, general public. Information: ext. 2693. The Shakespeare Ensemble presents The Life and Death of King John, a history not often played. A mid-

Dance

New York City Ballet, 328 West 55th St., New York, March 19, 8 p.m. Admission: $45, $30, $15, $10. Information: 988-9787.

Lectures

AMP Student Recital

Kresge Auditorium, 84 Massachusetts Ave., Cambridge, March 19, 5 p.m. Admission: free. Information: 253-0800.

The Bias-Free Word Finder

Huntington Ave., Boston, March 19, 8:30 p.m. Admission: $15, $12, $10, $5. Information: 713-0550.

Classical Music

Museums of Wing

177 Massachusetts Ave., Room 6-120, Cambridge, March 18, 7 p.m. Admission: free. Information: 253-0500. The MIT Student Symphony Orchestra is sponsored by the MIT Student Symphony Orchestra (MSSO) to present a free concert of music by Beethoven, Schumann, and others.

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Lectures

Michael Dorfftson Ph.D '94

Wong Auditorium, Tang Center for Life Sciences, MIT, Cambridge, March 18, 4 p.m. Admission: free. Information: 253-5459.

SIC

Fredric Baur Gallery

55 Massachusetts Ave., Cambridge, March 22–29, 9 a.m.–10 p.m. Admission: free. Information: 253-9444.

The Shape of Brace. Works by this

Of the Tech's Teahouse, 203-9493.


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The Shape of Brace. Works by this

Of the Tech's Teahouse, 203-9493.
Seattle-based artist. Explores the biological properties of materials.

The Race to the Moon
The Museum at the John F. Kennedy Library, 200 Morrissey Boulevard, Dorchester. Through Jun. 12. Tues.-Thurs., 9 a.m.-5 p.m.; Fri., 9 a.m.-11 p.m.; Sat., 10 a.m.-5 p.m. Admission: $6; seniors and students, $4; ages 6-17, $2; under 6, free. Information: 861-0599. Collecting the Southeast: The Harvey Fox Papers. An exhibition instrumental in opening the southeast to commercial exploration at the turn of the century. Also features rare examples of native American works with items from the Fox and other collections. Through May 16.

Art and the Agency of Apparatus
Explores the relationship between children's and adults' fashions in America's pioneering space exploration.

Dressing Up: Children's Fashions
The Museum at the John F. Kennedy Library, 200 Morrissey Boulevard, Dorchester. Through June 1. Fri.-Thurs., 9 a.m.-5 p.m.; Sat., 10 a.m.-5 p.m. Admission: $6; seniors and students, $4; children, $2; under 12, free. Information: 720-1729. This is the Modern World: Furnishings of the 1920s. Everyday life in post-World War II Boston. Through August.

Verdi's Rigoletto
Lowell House Music Society, Conducted by Brian Koh
Lowell House Dining Room, Harvard University March 14 and 15, 8:30 p.m. Tickets from Holyoke Center, 495-2663. Richard Monroe is overstretched in the role of the Duke of Mantua and his opening-night song too often lapsed into song as he repeatedly missed his mark on passages of music which far eclipsed his abilities. (It is worth noting that Thomas Deiterling replaces Monroe for the final three performances). Mark Risinger is also outstanding, his clear and pointed singing making his portrayal of Montremon really scary, as befits the character who delivers the curse on Rigoletto. Richard Monroe is overstretched in the role of the Duke of Mantua and his opening-night song too often lapsed into song as he repeatedly missed his mark on passages of music which far eclipsed his abilities. (It is worth noting that Thomas Deiterling replaces Monroe for the final three performances). Mark Risinger is also outstanding, his clear and pointed singing making his portrayal of Montremon really scary, as befits the character who delivers the curse on Rigoletto.

The Pyramids and the Sphinx: 100 Years of American Archaeology at Giza
Lowell House, Harvard University, has transformed its elegant chandeliered dining room into the setting for its annual lecture series. The series is dramatized through military artifacts, documentary photographs, and the creative images of David McCullough, among others.

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Photos by Gábor Csányi

(top to bottom, left to right)

B'Yachad – Brandeis University, Waltham, Massachusetts
Tzamarot of Temple Israel, Albany, New York
HaRakdan – Newton, Massachusetts (V. Foygelman)
MIT Mazal, Cambridge, Massachusetts
Schechter Dancers, Worcester, Massachusetts
Kalaniyot – Jewish Theological Seminary, New York, New York
DAMMED FOR LIFE

by jessica

BEATRICE! IMPOSSIBLE! THE CITY...

SUDDENLY, A CRY RINGS OUT IN THE DISTANCE!

AAUGH!

IT'S BEATRICE! TO THE RESCUE!

...SO HE FIXES THE COMPLITER ERROR AND PEACE IS SOON RESTORED IN THE CITY OF METROPOLIS! WHADDAYA THINK?

DON'T YOU HAVE ANY PROBLEM SETS TO DO?

RHINO-MAN

Rhino-Man!

HA HA HA!

5555555

To be continued...

OFF COURSE

by Hugo

HAVE YOU NOTICED HOW PEOPLE SAY GOOD WHEN YOU ASK THEM HOW THEY'RE DOING?

WOULDN'T PEOPLE BE DOING WELL RATHER THAN GOOD?

I THINK IT'S NEAT HOW YOU CARE THAT PEOPLE SPEAK RIGHT
D. E. Shaw is the most technologically sophisticated firm on the Street."
—Fortune

D. E. Shaw & Co., L.P. is a small (around 400 employees), highly capitalized (over 800 million dollars in equity capital), very successful Wall Street firm specializing in various aspects of the intersection between technology and finance. We are now aggressively seeking exceptional candidates in a variety of fields for positions in our offices in New York, Boston, London, Tokyo, and Hyderabad, and are prepared to compensate highly talented individuals at a level exceeding that of the market.

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Please direct all inquiries or submit résumés, with GPA and SAT scores, as follows:
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Edward M. Purcell

Edward M. Purcell, author of the Electricity and Magnetism textbook for Physics II (8.02), died on March 7 in Cambridge. He was 84.

Purcell, a Nobel laureate in physics, once worked for the MIT’s Radiation Laboratory at the time radar was being perfected. The Radiation Laboratory eventually became the Research Lab of Electronics.

During most of his life, from 1936 to 1977, Purcell was associated with Harvard University, where he taught. In 1952, he was awarded the Nobel Prize in Physics for discovering how to detect the extremely weak magnetic moment of the atomic nucleus by measuring nuclear magnetic resonance.

Purcell also made the first recorded detection of radio emissions from hydrogen clouds in space. Purcell had measured the emissions’ wavelengths at 21 centimeters, exactly the prediction made earlier by scientists. The measurement became a widely-used astronomical tool in radio astronomy for signal detection, since hydrogen is the most common element in the universe.

The achievement engendered public discussion about the possibility of picking up signals in outer space intended for Earth. It also led to discussion about interstellar travel, a possibility he dismissed.

“All of this stuff about traveling around the universe in space ships — except for local exploration, which I have not discussed — belongs back where it came from, on the cerebral cortex,” Purcell said.

One of Purcell’s major non-academic pursuits included serving as science advisor to three successive presidents: Dwight D. Eisenhower, John F. Kennedy, and Lyndon B. Johnson.

Purcell served as president of the American Physical Society and was a member of the National Academy of Sciences and the American Philosophical Society. In 1979, Purcell won the National Medal of Science.

Purcell was born in Taylorville, Ill. in 1912. He attended Purdue University and graduated in 1933. Purcell obtained his doctorate in physics at Harvard, where he remained and became a full professor in 1949.

Purcell is survived by his wife Beth, two sons, and a brother.
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Software Engineering?
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Are you interested in the practical application of management science, information technology, and business process development in a consulting environment? Does state-of-the-art software engineering combined with creative problem-solving sound exciting and challenging?

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DFI's expanding list of domestic and international clients includes leading companies in the transportation, travel, energy and other industries such as United Airlines, British Airways, Hertz, Sheraton, Royal Caribbean Cruise Lines, UPS, and PG&E.

DFI needs bright, creative persons to provide our clients with high-value solutions. To be a successful part of DFI you need to demonstrate, one or more of the following:

- A quantitative background (IE/OR, Applied/Computational Math, or equivalent)
- Interest and skills in software engineering (design, architecture, and development utilizing object-oriented, database and user interface technologies)
- A desire to consult (travel, interact with clients, and have a positive impact on client organizations)

DFI is currently seeking Analysts and Programmers with a BS degree and Associates & Software Engineers with a MS, MBA or PhD in the fields above.

Information Session
Monday, March 17, 1997
7:00 to 8:30pm
Room # 4-153

Please join us on St. Patrick's Day to find the answer to "What does DFI really do?" We're confident you'll enjoy the refreshments and the opportunity to talk with us about our growing business.

DFI will be conducting interviews on-campus March 18th. If you are not on our schedule and would like to interview with us, please send your resume and cover letter to:

Director of Recruiting
Decision Focus Incorporated
650 Castro Street, Suite 300, Mountain View, CA 94043-2055
(415) 960-2669 (voice), (415) 960-3656 (fax)
e-mail: jobinfo@dfi.com
web: http://www.dfi.com

DFI is an Equal Opportunity Employer

The Council for the Arts at MIT as part of its ongoing series of performing arts excursions offers:
FREE TICKETS for MIT Students only

The Cabinet of Doctor Caligari

the stage adaptation, followed by a screening of the classic silent film, accompanied by Professor Martin Marks, MIT Music Faculty Member

at the American Repertory Theater
Saturday, March 22
2:00pm
Brattle Street, Harvard Square

Tickets must be reserved in person only at the MIT Office of the Arts (E15-205) with a valid MIT student ID and a $5 deposit which will be returned to you when the tickets are handed out (on Friday, March 21)
A philosophy we adopted was to try to fund one-time events and one-time capital [purchases] that wouldn’t have happened otherwise. We wanted this money to make a difference,” Light said.

“Students were turned away initially and the GSC decided to split the amounts. In February, Gilbert and Sullivan received $3,500 for drums and clothing, and the Tech Jazz Singers $2,850 to buy sound equipment,” Light said.

Thistle gets printer

Additionally, the UA appropriated $3,500 to the Thistle to buy a tabloid-size printer, Light said. The Alternative News Collective, which publishes The Thistle, has asked for funds to purchase a printer at a number of meetings. Photocopies from GSC allocations held each term but have been turned down each time, Light said.

Light said the printer would be used to print the Thistle, which publishes a tabloid-size printer, Light said. The Thistle gets printer

The idea for the van was inspired by the need for community service and a way to increase productivity,” said Christopher L. Tang ’97, president of Circle K.

In the past, we’ve never had the money to fund this request. We were pretty happy to give them the money to buy the printer,” Light said.

“We were happy that the UA finally did something right. We’re overjoyed,” said Pallavi Naka ’98, who works for The Thistle. “Now that we can do the whole production process in our own office rather than going to a Malay speaker give a talk. The Romainian Student Association got $2,350 for a conference that may feature Nobel laureate, Barrett said.

“The Alternative News Collective, did not get any support last year because they submitted requests that were submitted were denied altogether. Of the 63 groups that applied, 22 were turned away initially because they submitted requests late or did not meet the eligibility requirements, Light said. The rest of the applications were catego-

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“Thistle decided that the printer should be open for use by all student groups, since any capital purchases made with its funds is UA property, Light said. “It was a significant source of other funding,” Barrett said.

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Electronic Voting Sets Record; Total Balloting Sees Decline

Electoral Council Chairman Michel S. Michelele '97 had finished second.
In the other contested Class of 2000 election, Stephanie Y. Soocho '00 and Montane D. de Jesus '98 received 54 percent of the vote to defeat incumbent social chair Aron K. Qasha '00.
In the only other contested election, C. Kareem Howard '99 was elected president of the sophomore class, defeating Jesse C. Cochran '99. Howard received 57 percent of the vote.
In uncontested races, Pooja Shukla '99 was elected vice president of the Class of 1999, while Yu-Lan Mary Ying '98 was elected treasurer of the Class of 1999, and Samantha L. Lavery '98 was elected secretary of the Class of 1999. The treasurer of the Class of 1999 and 1998 were both elected as write-in candidates.
In the only other contested race, Susan W. Ma '99 received 58 percent of the vote.
In uncontested races, the Class of 1999 and Class of 1998 were left unfilled.
1/2 price with ID (Students at Kennedy & from class, "he said. "This year, because of the cold temperatures, the Baker polling place is outside Baker, and people see it as they are coming to and from class," he said. "This year, people explicitly had to walk into Baker to vote."
"Students only voted in a few of the elections, said Light. "A number of people vote for one or two particular people on the ballot and leave the rest blank."
To speed the election results, votes cast electronically were counted electronically for the first time this year, said Light. In the past, electronic ballots were printed out and counted by hand. As a result, some results were available several days earlier than last year, he said.
In this product development environment, you will work with the Mega-Coherence Unit that bridges the processor bus and interfaces to the network providing either a cc MAor a shared-nothing, message-passing machine. In addition, you may be involved in one or more of the following areas:

- Design Methodology & Tool Development
- VLSI Circuit Design & Verification
- RAM or High-Speed Analog
- PLL or Clock Recover Circuit
- Behavioral Modeling
- Design Verification & Simulation

You must be enrolled in an Electrical Engineering or Computer Engineering program and pursuing a MS or PhD. Ideal candidates will have completed a school project in computer design and/or chip design using UNIX, PIRL, and/or assembly, as well as possess a strong background in Computer Architecture and Organization.

We will be on campus on March 20th. To schedule an interview, please forward your resume in advance to HAL Computer Systems, Attn: Yuri Hernandez, Fax: 609-541-5402, E-mail: yus@hal.com. Contact the Office of Career Services for more information or check out our web site at http://www.hal.com/EOE.

Note: This is for 1997 (January or June) MIT graduates.
Engineering At Bose Research First and Foremost

INFORMATIONAL SESSION
MONDAY, MARCH 17TH
5:30 - 7:30PM
ROOM 6-120

ON-CAMPUS INTERVIEWS
TUESDAY, MARCH 18TH
SIGN - UP IN THE CAREER OFFICE

Engineering at Bose is more than what you hear. It's research into a wide variety of technologies and products that extend beyond consumer development. As an engineer with our technologically diverse organization, you'll be constantly challenged to learn about new fields and delve into new areas.

At Bose, we put significant emphasis on our research/engineering division in order to come up with innovative ideas and products. And we recognize that designing high-tech products requires state-of-the-art engineering based on a solid foundation of engineering principles. Our engineers are challenged across a broad range of engineering activities including:

Electrical Engineering
Computer Science
Mechanical Engineering
Acoustical Engineering

Diversity of talent and the highest commitment to performance makes Bose a unique and challenging environment in which to pursue a career.

If you are interested in a career that constantly challenges you to learn and develop your skills, we would be very interested in speaking with you on Tuesday, March 18th.

For more information, contact
Lyn Van Huben,
Bose Corporation,
The Mountain, Framingham, MA 01701-9168.
Fax: (508) 820-4865.
Students Hold Sit-in Protest Against Lack of Minorities at UMass

By Dan McGuire

Amherst College has decided to eliminate its staggered early orientation period and will instead have all incoming students arrive on the same date. Previously, students had arrived at different times to take part in activities sponsored by cultural and special interest groups. Some new students complained that different arrival times made the orientation period too "disjoint." "We have worked to revamp orientation so it's a common experience," said Molly Lyons, a member of the Orientation Committee. "The houses were made to be equipped to function as cultural centers," said Tom Nguyen, a member of the Cultural House Relocation Committee. The administration said that the university's orientation period to make additional time for group events.

"Students of color and international students are not starting out on common ground in real life, so why have a false pretense of unity when it does not exist in the real world," said sophomore Mabel Laje. "People fought to establish their current site, Yale will have to move them from their current dilapidated buildings to small townhouses and not designed for all," said Molly Lyons, a member of the Cultural House Relocation Committee. Dean of Student Affairs Betty Trachtenberg responded that the university's lack of minority tenure will be taken away from students before tearing them down.

The pace is fast. We're gutsy, stable and growing. Opportunities abound. We don't let success go to our heads. And hard work is handsomely rewarded. That's Cypress.

To: Members of the MIT Community

From: The Office of the Dean for Undergraduate Education and Student Affairs

Last year on May 15th the establishment of the Arthur C. Smith Award was announced. The first recipient will be named at the Awards Convocation on May 14th. This Award which honors the service to MIT by Professor Arthur C. Smith is to be given "to a member of the MIT faculty for meaningful contributions and devotion to undergraduate student life."

Nominations for the Award, in a brief letter describing the candidates' qualifications, should be sent or dropped off by Friday, March 28 to:

The Arthur C. Smith Award Committee

c/o Dean Robert M. Randolph

For further information please call Dean Randolph at 253-4052.
Jordan, Bulls Exemplify Greatness Against Celtics

By Chris Brcoum

The one, single thing that defines true greatness, is the ease with which the Great One displays it. By definition, the reason the Great One is great is that they routinely do the impossible and make it look easy. I was lucky enough to attend a lesson in greatness Tuesday evening when the World Champion Chicago Bulls came to town to play the Celtics at the Fleet Center. Despite the Celtics’ atrocious season, the near-capacity crowd was treated to an exceptional show.

Thanks to the Bulls trio of Michael Jordan, Scottie Pippen, and Dennis Rodman, but with a little help from Jason Caffey, and Boston’s Antoine Walker, Eric Williams, and the rest of the Celtics, a good game was guaranteed from introduction, again to playing for 48 minutes, the Bulls emerged victorious. Jordan, he provided his share of talk about effortless production.

This space donated by The Tech.

Are you interested in layout and design? Do you want to learn about full color printing? Can you tell this typeface from this one?

Then The Tech production department is just for you!

Just stop by Room 483 of the Student Center on Sunday at 6 p.m. (free pizza!) or call us at 253-1541 and ask for Josh.