

Corporation Affirms Tuition Hike of 3.6%

Students to keep entirety of outside grants

By Adam Brown

The Executive Committee of the MIT Corporation recently approved a 3.6 percent tuition hike for the 1999-2000 academic year.

In an important change from previous years, however, the entire amount of outside scholarships will now go toward a student's self-help contribution. Need-based scholarship grants are also projected to increase by 12 percent.

The Corporation increased the total cost of education, including room and board, from \$30,800 to \$31,900. Tuition for the 1999-2000 academic year will total \$25,000. Although this is the smallest percentage increase in tuition the

Institute has seen since 1970, the nominal value of the tuition increase remains the same as last year.

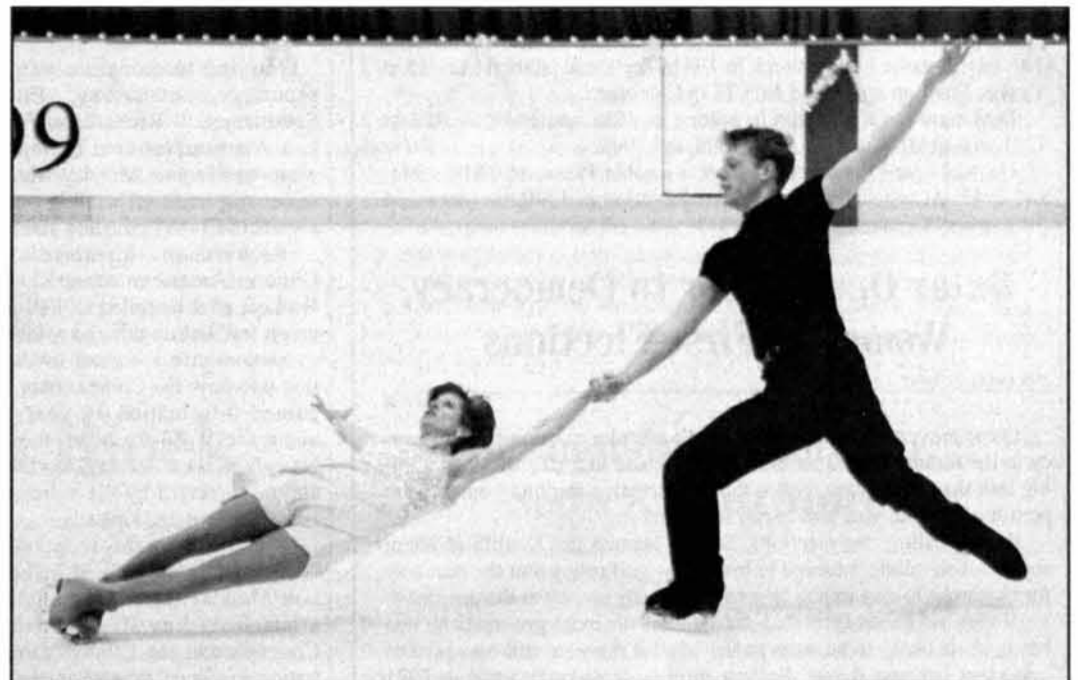
"For several years, we have managed to keep the increase of tuition, room, and board within approximately 1.5 percent of the Consumer Price Index [CPI]. We will continue to strive to restrain the rate of increase," said President Charles M. Vest.

During the year ending January 1999, the CPI, a measure of inflation, rose 1.7 points.

All scholarships to go to self-help

The MIT Corporation also announced that students will now be

Tuition, Page 19



Harvard students Elaine Asanaki and Alcuin Schulten skate an emotional program during the 1999 MIT Figure Skating Exhibition Saturday in Johnson Athletic Center.

Institute to Sign Dining Contract, Aramark Monopoly Will Remain

By Rima Arnaout
ASSOCIATE NEWS EDITOR

Hopes that financial competition in MIT dining services might bring increased food quality to the campus were dashed late last week when MIT signed a letter of intent with Aramark food services, giving the company rights to manage all on-campus dining facilities for three more years.

Three years ago, MIT, through the Institute Dining Review Working Group, began a review of the state of campus dining after student satisfaction had reached an all-time low. Their recommendations, released in the fall of 1997, called for the breakup of the campus dining monopoly by creating two dining zones, each of which would have separate dining contractors.

The intent of these recommendations was that competition would provide an inherent incentive to dining contractors to maintain a high quality of food service. MIT adopted the working group's recommendations as official Institute policy shortly after the recommendation's release.

This year, the Dining Implementation Team was charged with implementing the working group recommendations as well as overseeing the bidding process for new contractors.

Phillip J. Walsh, chair of the Dining Implementation Team and the original working group, said the decision to sign both contracts was a result of the stability that Aramark's incumbency as MIT's current food provider would give the administration in the midst of a dining system reorganization prompted by the working group proposals.

After the Dining Implementation Team heard proposals from Aramark and other food service contractors, they made recommendations to the administration. The

final decision to re-sign Aramark rested with Executive Vice President John R. Curry and Dean of Students and Undergraduate Education Rosalind H. Williams.

"The dining committee decided that the risks of a major transition

were too great at this point in time to move to a fully competitive system... We are prepared to undergo further transition to a fully competitive system if that is what it takes to

Dining, Page 13

Sigma Nu May Relocate To Fiji's Former House

By Krista L. Niece
NEWS EDITOR

A little more than a year after Phi Gamma Delta fraternity members were forced out of their house at 28 The Fenway, another MIT fraternity is hoping to set up residence there.

Sigma Nu fraternity, which now has more members than its house can hold, has applied to transfer its dormitory license to the former Fiji residence. Both MIT and Fiji representatives have agreed to support the move.

MIT supports Sigma Nu

MIT plans to officially support the license transfer at a hearing before the Boston Licensing Board this Wednesday.

"We have been aware for some time of the interest of Sigma Nu in obtaining a larger house, and specifically of their interest in leasing the Phi Gamma Delta House, but we were only recently informed that Sigma Nu would be presenting its request... on March 10," said Dean of Students and Undergraduate Education and Student Life Rosalind H. Williams.

Dean for Student Life Margaret R. Bates will speak on MIT's behalf at the hearing.

According to Bates, MIT was informed of the intent to apply for the license transfer "less than a week" ago.

Bates also said that no other group had expressed a serious interest to MIT in occupying the former Fiji residence.

Fraternity growth prompts move

"We have been looking for a bigger house for quite some time. Sigma Nu has grown both in numbers and maturity, and the current house no longer suffices for our housing needs," said Sigma Nu President Justin M. Schmidt '01.

Nineteen of the twenty-seven fraternity members live in double and triple rooms at 523 Newbury Street; the others live in nearby apartments rented by the fraternity.

Sigma Nu, Page 11

Class of 2001 Ring Tells Tale Of Rainy Rush, New Beginnings

By Jennifer Chung
NEWS EDITOR

About 700 sophomores battled the wet snow to attend the Class of 2001 Ring Premiere held last Saturday evening in Walker Memorial.

The weather was not unexpected, as the class of 2001 has found itself rained upon for many notable events — a coincidence the 2001 "brass rat" makes a reference to, along with a deluge of other symbols present on the class ring.

The most notable feature about this year's ring, however, is the way it will be delivered. Instead of picking up their brass rats in Lobby 13, sophomores who purchase rings will mingle and receive their rings on a 3-hour sunset cruise along the Boston skyline in May.

A ring delivery event has "never ever been done before," said Quintin B. Louie '01, chair of the ring committee. "We're trying to start up new tradition... basically, we want people to have a good time. Getting the ring will be very, very fun."

The trip is being paid for by ArtCarved, a division of Commemorative Brands International, the company which has been given the contract for the 2001 class ring. ArtCarved has previously also been granted contracts for the class of 2000 and class of 1996 rings.

Also for the first time, there is a new ring size, "extra small". The purpose of "extra small" is to provide a ring which is not as small as "tiny" (which can miss a lot of details) but not as clunky as "small"

(which tends to have an oversized bezel, or main ring face).

Rings will be on sale in Lobby 10 during business hours from Mar. 8 through Mar. 12 and Mar. 15 through Mar. 17. Prices range from \$183 to \$409 for a gold ring.

Brass rat has many new features

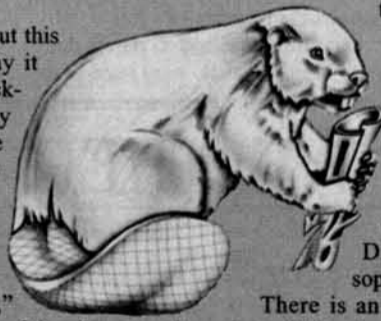
Among the most radical changes on this year's brass rat is the fact that the beaver on the bezel is facing right, to symbolize change. Traditionally, the beaver faces left; only one other class in the entire history of the brass rat has reoriented the beaver.

This was "probably the most controversial change," said Andrew D. Montgomery '01, president of the sophomore class.

There is an MIT map on the underside of the ring, following an idea from the 1999 brass rat. Unlike the class of 1999 ring map, however, the 2001 map is less deeply engraved and "will not make your fingers bleed," said Ring Committee Member Matthew Lockhart '01, during the presentation of the ring. Boston and Cambridge skylines, complete with Citgo sign, MIT sail, and Harvard Bridge smoots, are also engraved on the ring.

Although the overall pattern on each of the shanks, or sides, of the ring follows tradition, they are covered with more symbolism than last year's ring. The "class shank", for instance, features the

Brass Rat, Page 18



Chairman of the Corporation Alexander V. d'Arbeloff '49 gives the Institute \$10 million to promote educational innovation.

Page 9



Comics

Page 14

A crossword puzzle returns to the *The Tech* Fun Pages.

Page 17

World & Nation2
Opinion4
Features6
Sports24

WORLD & NATION

Joe DiMaggio, The Yankee Clipper, Dies

NEWSDAY HOLLYWOOD

Joe DiMaggio, the New York Yankees baseball great who became an American icon, died Monday at 84. He had been in failing health for several months.

He often said he was prouder of the Yankees' success in his time than the 56-game hitting streak in 1941. The streak started May 15 at Yankee Stadium and ended July 17 in Cleveland.

DiMaggio led the league in batting in 1939 and 1949; in RBI in 1941 and 1948; in home runs in 1937 and 1948.

He was voted the league's Most Valuable Player in 1939, 1941, and 1947. At baseball's centennial celebration in 1969, he was voted the game's "Greatest Living Player."

Qatar Opens Door to Democracy, Women in First Elections

LOS ANGELES TIMES DOHA, QATAR

Qatar proved itself on Monday to be a leader in bringing democracy to the region. It held its first elections, and in a step that was nothing less than revolutionary for the conservative region, women were permitted both to vote and to run for office.

But by calling the elections, Sheikh Hamed ibn Khalifa al-Thani sent a not-so-subtle message to his fellow gulf rulers that the best way for monarchs to stay in power is to voluntarily empower the people.

Voters acknowledged that the council on local government was not in itself likely to be very powerful. But the vote still was seen as important because it was the first time since independence in 1971 that Qataris had the chance to vote for official representatives.

Elected government is largely an untried model for the six countries of the Gulf Cooperation Council, the tribally-run, conservative Islamic and Arab states that control much of the world's petroleum. Among the six, only Kuwait has a parliament. And there, women are not allowed to participate. Saudi Arabia, Bahrain, Oman and the United Arab Emirates have no direct elections, only consultative councils whose members are appointed to help advise the rulers.

Qatar's decision was startling, and the move was likely to embolden democrats and women in the region.

Justice Department Backs Supreme Court in Miranda Case

THE BALTIMORE SUN WASHINGTON

The Clinton administration came to the defense Monday of the Supreme Court's controversial 1966 Miranda decision, arguing that Congress had no power to tell courts to accept confessions by criminals who had not been given "Miranda warnings" about their rights.

In a case that appears headed for the Supreme Court, the Justice Department asked the full 4th U.S. Circuit Court of Appeals, in Richmond, Va., to reconsider and scuttle a ruling last month by three of its members.

Under the 1966 Miranda decision, police are required to tell any suspects they are holding — before any questioning — of the right to remain silent and the right to have a lawyer present, and to warn them that anything they say can be used against them in court. The warnings are designed to prevent coerced confessions.

By a 2-1 vote, the panel ruled that Miranda is not a constitutional ruling, so Congress was free to displace it, as it did, with a federal law that said a confession that was voluntary is to be admitted in federal court even if the suspect did not get Miranda warnings.

Spy Fired from Los Alamos For Leaking Nuclear Secrets

By Walter Pincus THE WASHINGTON POST WASHINGTON

Moving to contain a national security controversy, Energy Secretary Bill Richardson fired a Los Alamos National Laboratory weapons designer Monday who was under suspicion of handing nuclear secrets to China in the late 1980s.

Richardson dismissed the Chinese American scientist, Wen Ho Lee, after he failed an FBI polygraph test last month and refused to cooperate with a bureau investigation into how the Chinese may have gained information 10 years ago about the W-88 warhead, then the Navy's newest strategic warhead and now carried by the submarine-launched Trident II missile.

Richardson, who received his latest briefing on the FBI investigation Monday, acted as complaints arose from key Republicans in Congress that the Clinton administration has been slow to investigate and act on allegations that nuclear secrets have leaked to China from Energy Department weapons laboratories.

The complaints — from Senate Majority Leader Trent Lott (R-Miss.) and Sen. Richard C. Shelby

(R-Ala.) chairman of the Select Committee on Intelligence, among others — added fuel to a controversy over whether the Clinton administration, in seeking to engage China as a trading partner and strategic player in Asia, was lax in implementing new security regulations to prevent Beijing from obtaining military secrets and advanced U.S. technology with possible military uses.

Lee has been under FBI investigation since late 1997, according to administration sources, but the inquiry has been unable to develop specific evidence against him because the alleged espionage took place almost 10 years ago. In addition, investigators found no indications of activity by Lee on behalf of the Chinese in the decade since.

While under FBI investigation, Lee was allowed to remain at his classified job, but under surveillance. The FBI, which has total control over this investigation, frequently has proceeded like this in espionage cases, since it is difficult to get either an arrest or a conviction without "catching someone in the act," one former senior agent said Monday. CIA spy Aldrich H. Ames, for instance, was arrested after being investigated for more

than a year and wiretapped at home and the office, during which time he had continued access to classified information, the source said.

"We had to take the risk," the source said, noting that Lee was allowed to travel abroad while under investigation.

Four weeks ago, investigators concluded Lee was not going to cooperate and he was removed from access to classified information. Last weekend, he was questioned directly by FBI agents and "continued to insist he had done nothing wrong," one source said.

Because Lee was a contract employee of the University of California, which runs Los Alamos for the government, Richardson had to recommend his removal to the university, which immediately carried it out, sources said.

Richardson said Monday that the Lee case, along with two others from the Reagan years, represents "serious leaks of information," but the energy secretary added, "We still don't know the extent."

Lee took one trip to China in 1988, but an official familiar with the investigation said, "We are still trying to pin down exactly when information was passed."

Austrian Bank Will Pay Forty Million in Holocaust Settlement

By Henry Weinstein LOS ANGELES TIMES

A large Austrian bank has agreed to pay \$40 million and provide reams of documents to settle a major class action suit that charged the bank with aiding the Nazi war machine and profiting by selling Jewish assets during World War II.

While the Monday settlement of the case, filed in New York last year, is not nearly as big as the \$1.25 billion settlement Holocaust survivors reached with Swiss banks, the agreement is considered significant according to attorneys and Jewish leaders because the documents will give them considerable ammunition in major cases pending against German banks.

Creditanstalt, and its parent company Bank Austria, were sued in the

same cases as two leading German banks, Deutsche Bank and Dresdner Bank.

A unique aspect of the settlement is that it gives the plaintiffs the right to any claims that the Austrian bank might have against the German banks for assets that were forcibly transferred to the German banks after Germany annexed Austria in March 1938. Deutsche Bank formally took control of Creditanstalt after the annexation.

"The significance of the settlement is not in the amount being paid but in the documents being produced and the claims being assigned," said attorney Robert A. Swift of Philadelphia, one of the lead lawyers for the plaintiffs. "This settlement will lead to far larger compensation for Holocaust sur-

vivors," Swift added.

Rabbi Marvin Hier, dean of the Simon Wiesenthal Center in Los Angeles, said he had not seen the settlement yet. But he said that thus far the Austrian government had escaped the sort of responsibility that had been imposed on other countries for collaborating with the Nazi regime.

Charles G. Moerdler, a New York attorney who was the lead lawyer for the Austrian banks, declined to return calls seeking comment. The settlement specifically provides that the Austrian banks admit no liability by signing the settlement.

The 37-page settlement resolves three cases filed in the past year against Creditanstalt and Bank Austria.

WEATHER

Nary a Flurry

By Greg Lawson STAFF METEOROLOGIST

There's not much winter left for us to still get our big winter storm this year (maybe the groundhog was right this year?). Despite some talk this past weekend of possible snow showers on Thursday, it looks like the week ahead for Boston will be pretty clear. The large low which dumped much snow on the Midwest yesterday will pass well to our south due to the very zonal steering winds aloft. Unfortunately, this means we will remain deep within the cold, arctic air mass above and behind the low. Hence, expect unseasonably cold temperatures for the next several days, though there will be a gradual warming as the low passes out to sea. Also, there is an almost stationary low positioned off Nova Scotia (the same low which gave us five inches of snow this past weekend) that is maintaining the blustery northwesterly winds we've had of late. The combination of the cold air and high winds will bring some bitterly cold wind chills tomorrow, especially at night. However, as both the air mass warms and the winds die down, we will slowly return to our climatological average, high of 44°F and low of 30°F. Thus, as boring as it sounds, the weather outlook through Friday is cold air and mostly clear skies with a gradual warming and a gradual waning in the northwesterly winds.

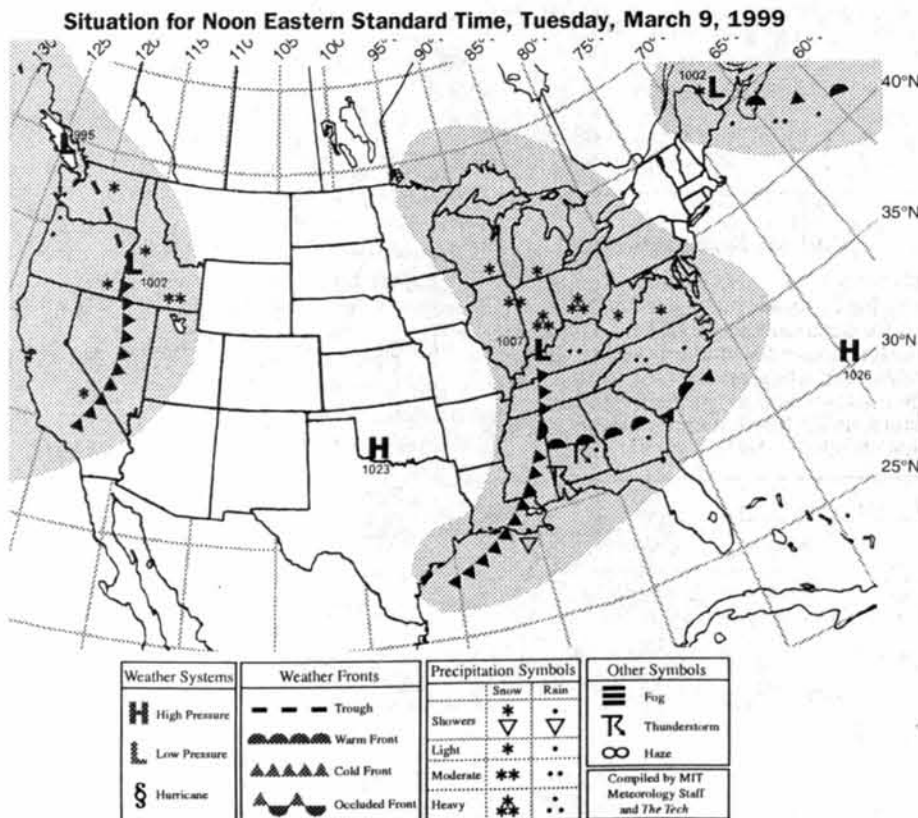
Today: Blustery. Persistent strong northwesterly winds. Mostly clear skies. High of only 36°F (2°C).

Tonight: Blustery still with the same persistent winds and clear skies. Low of 25°F (-4°C) though wind chills could very well be below 0°F (-18°C).

Wednesday: Winds lightening. Mostly sunny. High of 40°F (4°C). Low of 30°F (-1°C).

Thursday: A bit milder still. Partly cloudy. Highs in the mid 40s (3 to 5°C). Lows in the low 30s (-1 to 1°C).

Friday Outlook: Perhaps the approaching trough could bring cloudiness or precipitation, but I am thinking pretty much more of the same.



U.S. Sends Holbrooke as Envoy In New Balkan Peace Mission

By Mark Matthews
THE BALTIMORE SUN

WASHINGTON

The Clinton administration intensified efforts to end fighting in the Serbian province of Kosovo Monday, tapping special envoy Richard Holbrooke to wring agreement from Yugoslav President Slobodan Milosevic for a U.S.-brokered peace plan.

The State Department also reported a new pledge by the Kosovo Liberation Army to sign the accord, signaling that the ethnic Albanian rebels had buried their internal disagreements under Western pressure.

The latest developments brought the clearest signs in a week of progress toward a peace agreement and with it, the expected deployment

of a 28,000-strong peacekeeping force in Kosovo that would include up to 4,000 American soldiers.

But they occurred against a backdrop of new friction between Serbs and the West in nearby Bosnia, where warring sides are separated by European and American peacekeepers. And U.S. officials offered no assurance that a peace deal for Kosovo actually will be reached.

Administration officials said that Holbrooke, who has been nominated as ambassador to the United Nations, would go to Yugoslavia in time to hold meetings in Belgrade, the capital, Wednesday.

State Department spokesman James Rubin said Holbrooke would convey to Serb officials "the necessity for full compliance with all of

their commitments to the international community."

Holbrooke has the administration's best track record of gaining cooperation from Milosevic, having brought him into the 1995 negotiations over Bosnia that ended with the Dayton accords.

He also won a cease-fire from Milosevic and the KLA last October, but it was in tatters two months later, necessitating a new diplomatic campaign to end the war. Western officials fear that Kosovo could spark a nationwide conflict.

Holbrooke's foray provides him with his first opportunity to demonstrate anew his negotiating skills since the end of a months-long ethics probe that clouded his confirmation prospects.

Supreme Court Refuses to Block Liability Suit Against Oliver Stone

By David G. Savage and Eric Harrison
LOS ANGELES TIMES

WASHINGTON

The Supreme Court refused Monday to block a lawsuit at its preliminary stage that seeks to hold filmmaker Oliver Stone liable for a young couple's murderous rampage in Louisiana and Mississippi.

The damage claim, filed on behalf of one victim's family, maintains that Stone's 1994 movie "Natural Born Killers" was intended to incite others to go on violent crime sprees.

If that were true, the movie would not be protected by the First Amendment's guarantee of freedom of speech, a Louisiana appeals court

said last year in refusing to throw out the claim. But even that court conceded it was highly unlikely the victim's lawyers will be able to prove Stone or anyone connected with the movie actually intended for its viewers to rob and murder.

"We are disappointed that the Supreme Court has declined to grant review at this stage of the case, but that decision was not unexpected," said Jack M. Weiss, counsel for Time Warner Entertainment Co., which produced the movie.

Stone, Time Warner and others involved in making the film were sued by the relatives of Patsy Byers, a convenience store clerk in rural Louisiana who was shot and seriously wounded in March 1995. She

died later of cancer.

The shooter, Sarah Edmonson, and her accomplice, Benjamin Darrus, had repeatedly watched a videotape of the movie before taking off on their crime spree. They murdered a Mississippi man before heading to Louisiana.

The film, which starred Woody Harrelson and Juliette Lewis, portrayed the pair on a killing rampage. The movie attracted controversy, drawing condemnation from politicians because of its violent content.

Monday's decision clears the way for the Louisiana lawyers to depose witnesses and seek other evidence that might bolster their claim that the film was intended to inspire murder.

Right Wing Candidate Wins Salvador Election

THE WASHINGTON POST

SAN SALVADOR, EL SALVADOR

Francisco Flores, a 39-year-old former philosophy professor and the new standard bearer of El Salvador's main right-wing party, Monday was declared the winner of Sunday's presidential election.

Election officials reported that with just over 95 percent of the ballots counted, Flores, of the ruling Nationalist Republican Alliance (ARENA), had received 52 percent of the vote; his main challenger, Facundo Guardado of the leftist Farabundo Marti National Liberation Front (FMLN), received 29 percent.

Flores' victory was diminished somewhat by low voter turnout. Less than 40 percent of this small Central American nation's 3.1 million registered voters went to the polls in the country's second presidential election since 1992, when a peace accord ended a protracted civil war that killed an estimated 70,000 people.

The turnout reflected the view of many Salvadorans that the political establishment has been more concerned with consolidating power than with such issues as rampant crime and the country's disintegrating health-care system. However, analysts contend that Flores, who has fashioned himself as a moderate, could revive confidence in El Salvador's political system.

Bosnian Ruling May Stir Serbs Against Truce

THE WASHINGTON POST

BANJA LUKA, BOSNIA-HERZEGOVINA

The angry response across the spectrum of Bosnian Serb politics to the decision to place the contested town of Brcko under international supervision indicates how close to the surface the currents of ethnic hostility still run in Bosnia, more than three years after the war ended.

When a lawyer appointed by Western nations on Friday rejected the demands of Bosnian Serbs for complete control of the municipality, he depicted the decision as a just punishment for Bosnian Serb hard-liners, whom he accused of obstructing the return of Muslim and Croat refugees and blocking the creation of democratic institutions in the town.

In a long session Sunday of the national assembly shown live on state television, speaker after speaker inveighed against an "unconstitutional," "illegal" and "unjust" decision on Brcko by Roberts B. Owens, a Washington-based international attorney. The result was hardly a surprise: a vote by the assembly to suspend any compliance with the 1995 Dayton peace accord that mandated Bosnian Serb participation in a collective government with Croats and Muslims.



The MIT Graduate Student Council

office: Walker Memorial, 50-220 (above the Muddy)
phone: 253-2195
website: www.mit.edu/activities/gsc
email: gsc-request@mit.edu

arc

gcm

march

Professional Development Seminar Series

Wednesdays 3:30-5:00 PM
Hulsizer Room, Ashdown

- 3/10 **Written Communication**
Steve Strang
- 3/17 **Conflict Resolution and Negotiation**
Toni Robinson
- 3/31 **Intercultural Communication**
Kate Beaty

Call for Nominations

Details for the Teaching Awards, Perkins Awards for Graduate Advising, the Sizer Award for contributions to MIT education and the Horton Award for student groups will be available next week on the GSC website and will be mass-mailed to graduate students. Nominations for these awards will be accepted until March 19, 1999.

Jazz Wednesday Nights
@ the Muddy Charles Pub!
Walker Memorial (50-120)



Officer Nominations Are Open

and will remain open until Tues., March 30. Elections will be held on Wed., April 7. For more information, see www.mit.edu/activities/gsc/About/Roles/roles/html

activities

Celtics/Pacers Game (March 28)

- Date: Sun, March 28, 12:30pm (End of Spring Break)
- Tickets: \$20. PLEASE CALL 253-2195 BEFORE GOING TO 50-220 TO PICK UP THE TICKETS.
- Signup: Limited to 50 tickets. Grad Students, post-docs, and 1 guest per person.
- Questions: Contact the GSC office.

GSC Ski Trip to Sunday River on March 24

\$40 student/\$45 guest includes transportation and lift ticket

Sign up! Only 45 spaces!
@ GSC Office, Rm. 50-220. Call 253-2195 before picking up tickets. Lessons, rentals, and learn-to-ski packages available separately.

Time Leave @ 5:00AM and return @ 8PM.

? Contact Jeremy Gregory, jgregory@mit.edu, or the GSC office, or the Sunday River website, www.sundayriver.com.

- 9 publications and publicity meeting *
- 10 professional development series 3:30-5:00, Hulsizer Room, Ashdown
- 11 housing and community affairs meeting *
alcohol policy reform meeting
- 15 funding appeals due
- 16 graduate student news published
- 16 academics research and careers (arc) meeting, 6:30 PM, 50-220
- 17 professional development series 3:30-5:00, Hulsizer Room, Ashdown
- 24 professional development series 3:30-5:00, Hulsizer Room, Ashdown
- 29 graduate student news published

* @ 5:30 in 50-220 (above the muddy)
All graduate students are welcome. Food is provided.

OPINION

Institutional Wisdom Watch

by The Tech editorial board

- ↓ Tuition Hike:** IW looks forward to seeing Chuck Vest at the Tuition Riot this year.
- ↑ Financial Aid:** At least scholarships aren't just résumé fodder anymore.
- ↑ Busta Rhymes:** One finger of Busta Rhymes beats five fingers of funk during any Spring Weekend.
- ↑ Men's Hockey:** Beavers beat Bruins, but Eagles end up flying away with the title. Next time, we'll be the ones breaking backs.
- ↑ Internal plus/minus modifiers:** IW wonders who managed to brainwash the faculty into listening to students.
- ↑ UA Finboard Reform:** It's about time.
- ↔ IAP Design Contest:** IW is interested to see what will be ignor—er, what will be implemented. Yeah, that's it.
- DISAPPROVED**
Bad Taste '99: This arrow is not fit for publication in a "family newspaper."

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Serbs and ethnic Albanians at the negotiating table.

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

Columns and **editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and may be sent to letters@the-tech.mit.edu. Hard copy submissions may be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

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The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. *The Tech* can be found on the World-Wide Web at <http://the-tech.mit.edu>.

The Dangers of Conversion Therapy

Two Religious Groups at MIT Promote Unsound 'Therapy' for Homosexuality during IAP

Guest Column

Damon W. Suden

This Independent Activities Period, the MIT Black Christian Fellowship and the United Christian Fellowship invited Gays, lesbians, bisexuals, transgenders and friends at MIT (GaMIT) to its seminar on the Bible & Sex entitled "You Are Not Alone: Stories of Past Hurt and Healing." This seminar included testimonials of people healing from rape, incest, and "the homosexual lifestyle." This column is my way of healing from the MIT Black Christian Fellowship's and the United Christian Fellowship's ignorance, offensiveness, and outright lunacy.

This seminar follows on the heels of a recent national "ex-gay" movement. Last summer several religious right-wing groups, including Focus on the Family and the Christian Coalition, began placing ads in national newspapers touting "hope for healing" and "truth in love" for those of us "living a homosexual lifestyle." We were told we could change through prayer and belief in Jesus Christ. This distorted Christian theology is not just crazy but also scientifically unsound.

"Conversion" groups promise the impossible. Years are spent in prayer, fasting, in isolation, and, in extreme cases, undergoing torturous procedures such as electro-shock therapy. Sham marriages, fake relationships, and inner pain are the only results. Desert Stream Ministries, the group represented at the IAP seminar, says, in its booklet on "Ministering the Life of Jesus to the Sexually and Relationally Broken," that "the homosexual condition is a result of the many hurts... that the child has suffered. He or she may not

know how dismally these attempts [homosexual behavior] will fail to impart the sense of completion and connectedness that is perhaps the most essential longing of the human soul."

Had Desert Stream Ministries bothered to involve itself in the community it's trying to change, it would have seen that homosexuals, like heterosexuals, are fully capable of establishing long-lasting and fulfilling relationships. In fact, the prayer/therapy groups which come from Desert Stream do not even have licensed psychologists present and are not alternatives to the "conversion" discussed. Their approach is worth noting because, the American Medical Association (AMA), the American Psychological Association (APA), the American Association of Pediatrics (AAP), and every other major scientific and medical group has come out in opposition to so-called "reparative" and "conversion" therapies.

The APA's statement stressed that "reparative therapy" is not benign and that it often has deleterious effects. According to the statement, "The potential risks of 'reparative therapy' are great, including depression, anxiety and self-destructive behavior, since therapist alignment with societal prejudices against homosexuality may reinforce self-hatred already experienced by the patient. Many patients... were inaccurately told that homosexuals are lonely, unhappy individuals who never achieve acceptance or satisfaction. The possibility that the person might achieve happiness and satisfying interpersonal relationships as a gay man or lesbian is not presented, nor are alternative approaches to dealing with the effects of societal stigmatization discussed... the APA opposes any treatment, such as 'reparative' or 'conversion' therapy which is based on the assumption that homosexuality per se is a mental disorder or

based on a prior assumption that the patient should change his/her sexual orientation."

Janet Folger, one of the lead organizers of the summer ad campaign, contradicted her denial that the campaign was politically motivated. She told the *New York Times* that she wanted to "strike at the assumption that homosexuality is an immutable trait and that gay people therefore don't need protection under anti-discrimination laws." This purported "hate the sin and not the sinner" approach is simply the latest stratagem of the far right in its attack on gays and lesbians, and it has, unfortunately, found its way to MIT.

These "ex-gay" groups prey on those of us who haven't come to understand that being gay does not have to mean living in a place of hurt and loneliness. Gay men and lesbians live full, complete, and healthy lives. Justin Chin, a reporter for *The Progressive* who went undercover into an "ex-gay conversion" program sums up his experience: "Ultimately, the difference between gays and ex-gays is like the difference between cheese and cheddar. The ex-gays try to drown their homosexuality in Bible verses, marriage, family, and their own new subcultural niche, but their homosexuality remains... Everything in their lives revolves around homosexuality and avoiding it... It's disturbing to realize that these groups know that the best they can do is suppress a person's sexual orientation, and yet they hold out an entire industry catered to 'curing' homosexuality."

If someone claims to have been cured of their homosexuality, I wish them luck in keeping up the charade. I don't purport to tell people how to lead their lives. But the homopho-

bic rhetoric which is being spewed by conservative religious organizations is undeniably contributing to the deeply rooted hatred of and violence towards homosexuals. Recent FBI statistics show that anti-gay violence is up nationwide, while violent crimes in general have gone down. And a Massachusetts study has shown that gay and lesbian youth are three times more likely to commit suicide than their straight peers. The recent murder of Matthew Shepard in Wyoming and the suicide of MIT freshman Michael P. Manley '02 are tragic reminders of how real these statistics can be.

Love has nothing to do with this campaign, nationally or at MIT. Testimonials of people who have experienced "conversion therapy" and escaped the religious brain-washing attempts of the "conversion" cults can be found at <http://www.hrc.org/ray> along with other information revealing "ex-gay" groups for the fraudulent organizations they are. There are many Christian churches and other religious groups which welcome gay and lesbian people. I can only hope that those who need organized religious groups in their lives can find one which does not demonize, condemn, or attempt to change them.

And I can only hope that the Black Christian Fellowship and the United Christian Fellowship come to realize the very real damage that can be done to people who take part in "conversion" processes and the very real part that they are taking in promoting these bogus and dangerous programs.

Damon W. Suden '99 is a senior majoring in Mathematics and was a former Outreach Coordinator for GaMIT.

On the March Again

Michael J. Ring

Media firebrand Pat Buchanan announced last week his third run for the White House, and across the nation his Buchanan Brigade rattled their pitchforks in applause.

Much less enthusiastic about Buchanan's third run around the track are political observers. Conventional wisdom says his time has passed, that the field is too crowded already, that his economic message will not resonate in the greatest postwar economy. For the third time in as many campaigns, conventional wisdom has underestimated the power of this man.

True, the Republican race for the nomination is a crowded one, and George W. Bush and Elizabeth Dole, who have recently moved to set up exploratory committees, are the early stars in this race. And Buchanan has far from a monopoly on the religious right this time around, as New Hampshire Senator Bob Smith, family values activist Gary Bauer, and Mr. Potatoe Head, Dan Quayle, are all in the race.

But there are many factors favoring Buchanan's side as well. Unlike Dole and Bush, he is battle-tested. Dole, a federal bureaucrat for the duration of her political career, has never held elective office. And we can hardly consider the gubernatorial victory of the Republican son of a Republican President in a Republican state to be a great triumph over electoral adversity.

Both Bush and Dole are ripe for a broadside at the hands of the Buchanan Brigade. Buchanan knows what to expect in places like Iowa and New Hampshire. And more importantly, he knows how to win — remember his upset victory over Bob Dole in the Granite State primary in 1996.

Over the past twenty years, voters in the Republican presidential primaries have displayed a marked tendency to nominate a candidate who has previously run. Ronald Reagan, George Bush, and Bob Dole, the Republican nominees over the past five elections, had all run in previous presidential primaries before receiving their nominations. If this trend continues, Buchanan could certainly benefit.

But Buchanan's ace-in-the-hole is his economic populism. On many of these issues he really isn't a conservative at all. Buchanan does not cower at the altar of Wall Street or to the gods of the global economy. Instead he is a powerful voice for the American worker and laborer. Buchanan's strength does not come from a horde of rabid social conservatives; instead he draws it from blue-collar

workers, many of whom are traditional Democratic voters, fearful for their survival.

NAFTA (North American Free Trade Agreement) has been a disaster for the American economy. Each year, more manufacturing jobs head south, never to return. A bonanza for big business, the trade agreement and other free-trade initiatives such as GATT (General Agreement on Tariffs and Trade) have only amplified the exodus of heavy industry from this country to countries with abysmal environmental and workplace standards. Unemployment may be as low as two percent in many places nationwide, but ask Levi-Strauss workers if they're benefiting from the red-hot economy.

Buchanan has been one of the most vociferous critics of the International Monetary Fund, and there is certainly much to criticize. In the past few years, over \$130 billion has been thrown at Russia and Asia, and Brazil may be the next black hole. What has been done to change the structural weaknesses in those economies? Answers never seem to be forthcoming from the financial wizards. The least the government owes the people whose hard-earned tax dollars get shipped to the Crisis Country of the Week is an explanation — and an expectation for results.

Buchanan's strength is also always underestimated because few ever properly account for the support he receives from independents and Democrats. Besides winning the 1996 Republican primary in New Hampshire, Buchanan finished second to Clinton in the Democratic primary, as hundreds of blue-collar workers expressed their dissatisfaction with Clinton's laissez-faire trade policies. From the aging, graying mill cities of the Rust Belt, Buchanan's name is held in special awe and reverence. Buchanan fills a power vacuum, one that has been created by the Democratic Party's abdication of its traditional economic values.

It used to be a Democrat who stood up for working people. A Democrat once protected American workers and American jobs. A Democrat would only seek foreign free trade agreements that were fair, that protected American workers and the global environment. But Slick Willie has sold us all out, and his understudy Al Gore will do the same if elected President. While political pundits try to downplay his candidacy, true experts will realize Pat Buchanan is once again a force to be reckoned with in the 2000 primary.

Only Pat Buchanan is addressing working-class issues of trade and globalization with solutions that are surprisingly Democratic. And as many prominent Democrats have deserted the working class, is it any surprise the working class is deserting Democrats? Look out America — the Buchanan Brigade has mounted up and is riding to the sound of the guns.

Bringing Back the Arts

Elaine Wan

The Massachusetts Institute of Technology is world famous for providing its students with an exceptional engineering education. *The U.S. News and World Report* reminds us of this every year by ranking us #1 amongst the other engineering schools in the nation. The international and national community focus their attention on us whenever they are in search of technical advances. The most recent example of this is the establishment of MIT's alliance with Malaysia to form the Malaysia University of Science and Technology.

There is no doubt that MIT is the place to be if you have interests in science and math. Our quantitative skills are continually sharpened by the Institute's faculty, facilities and curriculum. The available educational resources are equally matched by the student body's enthusiasm for the sciences and engineering. Most incoming freshmen have SAT math scores above 750. But if Institute and student interests are not aimed at subjects besides science and math, subjects like humanities, communication and writing skills, then is it right to neglect or avoid studies in those areas?

The most only outright answer is, "No." Just because we are an engineering school does not mean that we should not focus our attention on our communication skills. The fact that most students here lack reading and writing skills is more of a reason for us to focus on preventing the further degradation of our verbal and composition skills.

When I shake President Charles Vest's hand in 2001 to receive my bachelor's degree in Science, I want to have the unwavering confidence to tell my parents and friends that my four years in college has given me proficiency not only in math and science but also in writing, reading and speaking. After I graduate, I want to be able to run a Western blot, take a surface integral, identify a chiral molecule and give a 15-minute presentation without stammering or inserting the word "like" every 2 seconds. Most importantly, I want to be able to say that my four years at MIT was worth every penny, every all nighter, every problem set, or HASS paper, because they all made my undergraduate education complete and satisfying. Unfortunately, the results of the 1998 Senior Survey indicate there is a 62 percent chance that two years from now, I will feel that my communication skills are lacking.

The dim interest in the humanities has been an Institute concern for a long time and this concern has resurfaced with the report from the Senior Survey. In a previous column ["MIT Needs a More Serious Attitude on the Humanities," May 9, 1997], Erik S. Balsley '97 indicates that most students do not take HASS classes seriously because they do not see the direct applications of such studies in their future since most engineering jobs only require technical skills. Some students argue

that classes in the humanities distract from their focuses on science, math and engineering. Unfortunately, this is the attitude that has led to criticism from others Ivy League schools and other liberal arts colleges. Although, this criticism has never been explicit, MIT students have been characterized as less than well-rounded.

The reality is that we need communication skills regardless of the Institute's future or our choice of profession. How are we going to help Malaysia build a new engineering school if we can't communicate with them or advertise the importance of such a project? If you are a biology, chemistry or physics major, you need to publish your findings in a journal that clearly states your hypotheses, methods, data and conclusion. You will have to give talks. If you are an engineering major, you will have to use both your writing and speaking skills to make your product attractive to users and investors.

Proficiency in communication skills involves development in reading, speaking and writing English. Although our HASS Department offer a diverse course selection ranging from foreign language and anthropology to philosophy and creative writing, only a handful of students choose to major in such studies, and only 200-300 students each year decide to minor in a HASS subject. There are also students who feel they can demonstrate proficiency in communication in English by taking classes in economics, a mostly quantitative study, or studying a foreign language.

In 1997, the administration passed a motion to create a new undergraduate communication requirement that would add on to the Freshmen Essay Evaluation, HASS requirement, and the Phase I and Phase II system to check for communication competency. However, the communication requirement was never defined and has still not taken shape. The Senior Survey has shown that communication skills are necessary but undervalued and incomplete in MIT education.

Communication is an important skill that cannot be acquired overnight or learned from a textbook. Large classes in big lecture halls will not increase interaction amongst students. Assigning more problem sets will not improve our grammar or eloquence. HASS classes should require intense verbal interaction, writing and reading assignments that help develop interest in ethical and campus issues, while training us to consider the opinions of our fellow classmates in small, rotating, work groups.

Students who are majoring in science and engineering must realize that although it is important to understand the details of the studies within our majors, it is also important to have a diverse education which includes improving our reading, writing and speaking skills. It is time to make changes to our curriculum with the interests of the Institute and students in mind to demonstrate that MIT is not only the #1 school in engineering, but the #1 school in everything.

FEATURES

SafeRide

In the driver's seat



Students brave the cold to line up for the Saferide night shuttle.

REBECCA HITCHCOCK—THE TECH

By Katharyn Jeffreys
STAFF REPORTER

Students are often familiar with the SafeRide shuttle service as a quick, warm way to catch a ride across the Harvard Bridge. However, those most responsible for providing that convenience — the SafeRide drivers — are perhaps some of the most overlooked members of the MIT community.

"I love to drive... I'm happy to be here," said Zachary Roscoe, who has been driving for SafeRide since February 1996. He is also an athletic director for Boston Community Centers out of Mission Hill, and finds driving the van to be a release from the pressures of the day.

Many other drivers also use SafeRide as a part-time job, in addition to work they do during the day. John A. Juppe of Revere has been a SafeRide driver since December 1992, the longest of any of the staff. During the day he is a civil engineer for the Air Force.

Another driver, David Draper, is a clergy

member in the Baptist Church. He moved to New England from Florida with his wife, a chaplain on campus. He has been a member of the SafeRide staff for about a year.

Through the students who ride the vans, SafeRide drivers see and hear everything that goes on around campus, and sometimes even tap into news and facts of the many international students' homelands. "I meet new people and get news from around the world... SafeRide is really an international education on wheels," Draper said.

Roscoe enjoys having fun with his passengers. "I think my best group is [Zeta Beta Tau]. They sing for me and I sing along with them," he said.

Driving styles prompt questions on safety

Ironically, the stereotype of poor driving is usually the first thing many students think of when considering SafeRide. "There is probably some small degree of truth in that...

Sometimes in our haste to help, we are often in a hurry," Draper said.

Contrary to the stereotype though, this is not always the case. Juppe is pleased to provide "safety before anything," a policy which has given him the reputation as the "slow driver."

Roscoe also believes that safety is important. When he is driving, he takes into consideration the fact that, "Their lives are in my hands."

Although students sometimes criticize the drivers for their erratic driving or eccentric music choices, Draper asserts that the drivers try to provide a service that is "relatively reliable, mildly personable, and always sociable."

SafeRide provides useful service

The drivers also stressed the importance of SafeRide to the students, with the hope that more students will take advantage of the service. "Some people don't understand what it is," Juppe said. He cited the Logan Airport

Spotlight of the Week

MIT Logorhythms

By Aaron D. Mihalik
STAFF REPORTER

The MIT Logorhythms are MIT's oldest a cappella group. Since its formation in 1949, the self-described "all-male student-run double quartet barbershop group" has been entertaining audiences with their eclectic repertoire of songs, including folk, madrigal, traditional, show tunes, jazz, pop, rap, and rock. The Logs will be celebrating their 50th anniversary this Saturday. The program will include a Logs Alumni reunion and a celebration concert.

The reunion will take place between current and former Logs will take place this Saturday. "The reunion will feature songs and memorabilia through the past fifty years of Logs. There will be sing-alongs, videos, recorded music, food and general reminiscing," said Kuo-Chiang Lian '00, one of the 12 current Logs.

"The current Logs will join the Logs alums from the past five decades to share stories of good times, music, photos, recordings, and other moments," said Michael S. Potash '66, one of the organizers of the reunion.

Although the reunion is a closed event, the Logorhythms will be putting on a public concert later on Saturday at 7 p.m. in 10-250.

The Logs will be performing along with several other groups, including the University of Illinois Extension Chords, the University of Southern California Sirens, the Tufts Jackson Jills, the Smith Noteables and MIT's own Muses.

"I imagine all of the alums will definitely be joining in on our last song," said Ryan J. Anderson '99, another current Log. "But this time there should be at least 50 of them instead of just one or two."

The Logs will be selling commemorative merchandise at the concert. This includes the compilation CD of Logorhythms recordings,

Long Load: 50 Years of A Cappella, and a 50th anniversary T-shirt. "Additionally, we will have our latest CD, *Redwood*, available as well as new T-shirts featuring our traditional log design," Lian said.

Aside from the 50th anniversary celebration, the Logs will be performing throughout New England and will hold another concert at MIT in May. Also, the Logs are busy with their new CD, which is set to be released this coming school year.

Auditions for the Logs are in the fall. The auditions are during the week before school starts. "The best thing about our auditions is that you have to tell a joke," Anderson said. "Logs take pride in being funny and doing funny skits at our concerts. Granted, we've made mistakes... but for the most part I think our concertgoers would agree that we can really make them laugh."



The MIT Logorhythms perform in their Logs Yule holiday show.

TECH FILE PHOTO

shuttle as one example of this. Many students are not informed of the \$5 shuttle service provided before all major breaks. Another shuttle service that students might not be aware of is the Tech Shuttle which runs during the daytime from Tang Hall to Kendall Square.

Juppe also told the story of two MIT students, who after three years here had yet to go across the river. During their trek out, they got lost and ended up walking out of their way, when they could have taken SafeRide had they known its route.

"I think the students should be grateful for the service they have," Roscoe said. The program was founded in 1991, and expanded to the current system of four vans in 1993. There are fourteen regular drivers, and four more on call.

SafeRide is currently being evaluated by the Shuttle Committee. The drivers all agreed that larger, fifteen passenger vans are necessary, but that 24-hour-a-day service is not. Roscoe added, "They could have some more stops on the Boston side." The drivers found that the addition of the fifth shuttle van is helpful during peak use times, and should be employed more frequently during inclement weather.

"SafeRide exists hopefully to make your MIT learning experience just a bit less hectic," Draper said. He estimated that about 90 percent of students give some word of departure upon leaving the SafeRide van, a trend he is very appreciative of. "Thank you for all your thank you's and courtesies!"

VIEWPOINT

THIS WEEK'S QUESTION:

How can the Undergraduate Association be improved?

"By giving the general population an idea of what the UA does."

Michael W. Tucker '99

"Increasing the awareness of the general population of what the UA is about and how it impacts the student's daily life and overall MIT experience."

Foluso O. Okunseinde '02

"I have no idea what the UA does."

Leiter Kang '99

"They could expand Safe Ride to 24 hours a day, or have a bus shuttle across the river."

Eileen M. Segall '00

"Get them more involved directly with the students. In any kind of association it is best that they get involved directly with the people. The people have more say with what's going on."

Saim Kashmiri '99

"I think the UA is ok. They're not doing too bad at all."

Ally W. Ip '99

"You need to educate the masses on what they do. What do they really do? I'm not a bookworm and I don't even know what they do."

Maisha K. Gray '99

"I think Finboard should be more accessible to students. You know... the way the budget allocation process is organized."

Alice W. Chau '00

"The new small group meetings are a big improvement. It will get those groups talking together and improve things for those groups."

Emily K. Reinke '99

"Educate the general student body about the UA and the scope of what they can do for us. I don't even know what the UA does right now."

Phillip B. Armour '02

"The candidates should be more explicit about what they're doing. A lot of people are running and saying they're doing great things and I'd like to see them actually happen."

Tuan Q. Phan '02

"It's not a matter of the UA, the bureaucracy is pretty much unpenetrable. The UA has the most clout but it has yet to be constructive. As effective as they want to be, they can't do anything."

Anthony C. Meconiates '01

Compiled by Andrew J. Maywah

TechCalendar

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 attendance of an event. Contact information for all events is available from the TechCalendar web page.

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

Tuesday's Events

- 12:00 p.m. – **Observations, Instruments, and the Tychonic System.** James Voelkel/Dibner Institute Lunchtime Colloquia. Room E56-100.
- 4:00 p.m. – **The Impact of Technology Scaling on Microprocessor Design.** David Greenhill, Sun Microsystems. MTL VLSI Seminar Series. Refreshments in lobby of room 34-101 at 3:30 p.m. Room 34-101.
- 4:30 p.m. – **Modeling of Multi-Stage Turbomachinery Flows.** Dr. John Adamczyk, NASA Lewis Research Center. Gas Turbine Seminar Series. Refreshments 4:15 p.m. Room 31-161.
- 6:00 - 8:00 p.m. – **"Reel Bisexuals: Images of Bisexual Characters in Film".** Film and discussion presented by Wayne Bryant of the Bisexual Resource Center, Boston. Part of ToBGLAD. 6-120. Sponsor: LBGT Issues Group.
- 6:30 p.m. – **13th Arthur H. Schein Memorial Lecture: Recent Work.** Daniel Libeskind, architect, Berlin. Architecture Lecture Series. Room 10-250.

Wednesday's Events

- 11:00 a.m. – **Resonant Tunneling Injection Lasers.** Kei May Lau, University of Massachusetts, Amherst. EECS /RLE - Optics & Quantum Electronics Seminar Series. Bldg. 34, Grier Room B.
- 12:00 p.m. – **The State of the Mines: US Policy on Land Mines.** Col. Micheal Thumm, USMC Fellow, MIT Security Studies Program. Sponsored by Security Studies Program. Brown bag lunch. Room E38-615. More info: 12:10 p.m. – **Millennial-scale climate instability and ocean thermohaline circulation during the pleistocene epoch.** Maureen Raymo, MIT. Physical Oceanography Sack Lunch Seminars at MIT. Room 54-915. 3:30 p.m. – **Lecture on Communication for Professionals: Written Communication.** Steven Strang, MIT. GSC Professional Development Series. Ashdown House, Hulsizer.
- 4:00 p.m. **Gene Expression DNA Chips.** Dr. David Gerhold, Executive Director, Human Genetics, Merck & Co. Inc. Problems and Methods in Bioinformatics. Room 56-114.
- 5:00 p.m. – **Advanced Music Performance Recital.** Jo Marie Sison, class of 2001, violin. Killian Hall.
- 6:00 p.m. – **Reading the Culture of Politics: Political Cartoons as Data Sets for Qualitative Analysis.** Prof. Pearl T. Robinson, Tufts University. Room E38-714. Sponsor: Center for International Studies.
- 7:00 - 9:00 p.m. – **"One Nation Under God".** Film viewing, followed by a discussion, of a documentary that is critical of the ex-gay movement. 4-163. Sponsor: LBGT Issues Group.
- 7:00 p.m. – **An Evening with Author Junot Diaz.** The author of the short story collection, *Drown*, is artist-in-residence March 9-11, working with MIT students. He's winner of the Council for the Arts at MIT's 1998 Eugene McDermott Award. Room 6-120.

Thursday's Events

- 12:00 p.m. – **Chapel Concert: Michael Ciccone and Susan Robbins.** Improvisatory arrangements from Medieval Italian, traditional Eastern European to contemporary American on hammered dulcimers, oud, bowed & plucked psaltery, accordion, percussion & voice. MIT Chapel.
- 1:00 p.m. – **Living in Two Languages Series—Nuala Ni Dhomhnaill.** "Me/Mise: Shoring Up an Identity in Two Languages." Presentation by the author of *Pharaoh's Daughter*, *Selected Poems: Rogha Dánta* and *The Astrakhan Cloak*. Followed by book signing. Room 14N-313.
- 3:30 p.m. – **The Gaiko Forum: The Japan, China, U.S. Triangle and East Asian Security.** Tom Christensen, Richard J. Samules, Seiichiro Takagi, Akihiko Tanaka, MIT, Nat'l Graduate Inst. for Policy Studies, Univ. of Toyko. Reception hosted by Consul General Kitajima immediately following the panel discussion. Bldg. E51, Wong Auditorium. Sponsor: MIT Japan Program with Consulate General of Japan.
- 4:00 p.m. – **Microchip Drug Delivery.** John T. Santini, Jr., Chemical Engineering Dept. Materials Unlimited. Research teams composed of members of various departments and centers have been notably successful in materials discovery and application. A reception will be held at 3:30. Room 8-314.
- 4:15 p.m. – **The First Gauge Theory.** John Raiston, University of Kansas. Physics Colloquium. Refreshments in Room 4-339 at 3:45 pm. Room 10-250. Sponsor: Physics.
- 8:00 p.m. – **Lock, Stock & Two Smoking Barrels.** A free sneak preview! 105 minutes. 26-100. Sponsor: LSC.
- 8:00 p.m. – **Pericles.** MIT Shakespeare Ensemble production directed by Michael Ouellette. Admission \$8, \$6 students with ID and senior citizens. Sala de Puerto Rico.

Friday's Events

- 7:00 p.m. – **Star Trek: Insurrection.** Starring Patrick Stewart, Brent Spiner, Anthony Zerbe, and the rest of the *Star Trek: The Next Generation* crew. 103 minutes, rated PG, with DTS Digital Sound. Admission 2.50. Room 26-100. Sponsor: LSC.
- 7:30 p.m. – **The Doll's House.** Starring Jane Fonda. Based on the feminist play by Henrik Ibsen. 106 minutes, not rated. Admission 2.50. 10-250. Sponsor: LSC.
- 8:00 p.m. – **Pericles.** MIT Shakespeare Ensemble production directed by Michael

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Saturday's Events

- 4:00 p.m. – **The Prince of Egypt.** A DreamWorks animated film, starring the voices of Val Kilmer, Ralph Fiennes, Michelle Pfeiffer, Sandra Bullock, Jeff Goldblum, and Patrick Stewart. 97 minutes, rated PG, with DTS Digital Sound. Admission 2.50. Room 26-100. Sponsor: LSC.
- 7:00 p.m. – **The Prince of Egypt.** A DreamWorks animated film, starring the voices of Val Kilmer, Ralph Fiennes, Michelle Pfeiffer, Sandra Bullock, Jeff Goldblum, and Patrick Stewart. 97 minutes, rated PG, with DTS Digital Sound. Admission 2.50. Room 26-100. Sponsor: LSC.
- 7:00 p.m. – **MIT Logarithms 50th Anniversary Celebration.** It's the a cappella event of the half century! Come join the Logs at their 50th Anniversary Concert. Also appearing: Illinois Extension Chords, Tufts Jackson Jills, USC Sirens. Room 10-250. Sponsor: Logarithms.
- 8:00 p.m. – **Pericles.** MIT Shakespeare Ensemble production directed by Michael Ouellette. Admission \$8, \$6 students with ID and senior citizens. Sala de Puerto Rico. 8:00 p.m. – **MIT Symphony Orchestra Concert.** Dante Anzolini, conductor. Mahler's Symphony #1; Ferruccio Busoni's Berceuse Elegiaque; Charles Ives' Symphony #1. Admission \$2.00. Kresge Auditorium.
- 10:00 p.m. – **The Prince of Egypt.** A DreamWorks animated film, starring the voices of Val Kilmer, Ralph Fiennes, Michelle Pfeiffer, Sandra Bullock, Jeff Goldblum, and Patrick Stewart. 97 minutes, rated PG, with DTS Digital Sound. Admission 2.50. Room 26-100. Sponsor: LSC.

Sunday's Events

- 12:00 p.m. – **Service at common cathedral.** Worship on Boston Common with people who live outdoors and people who live indoors. Make and share peanut butter and jelly sandwiches afterwards. Meet at W11. Sponsor: Lutheran-Episcopal Ministry.
- 2:00 p.m. – **Pericles.** MIT Shakespeare Ensemble production directed by Michael Ouellette. Admission \$8, \$6 students with ID and senior citizens. Admission 6.00. Sala de Puerto Rico.
- 3:00 p.m. – **Affiliated Artist Concert.** Jean Rife, horn. With Karen Harvey, piano. Works of Beethoven, Schumann, Rossini, Strauss, Poulenc, Françaix and Pearlman. Killian Hall.
- 3:00 p.m. – **23rd Annual Israel Folk Dance Festival.** A performance celebrating the joy and exuberance of Israel and the Jewish culture through dance. Admission \$12.00. Kresge Auditorium.
- 4:00 p.m. – **MITHAS (MIT Heritage of South Asia) Concert.** Ranayaki, S Indian vina; Lakshmi Venkataraman, vina; Umayalpuram Mali, mridangam; Anand K. Iyer, kanjira presented by MITHAS & the New Eng Hindu Temple (NEHT). Admission \$15, \$12 MITHAS/NEHT members/students, \$10 MIT students. Wong Auditorium.
- 7:00 p.m. – **Star Trek: Insurrection.** Starring Patrick Stewart, Brent Spiner, Anthony Zerbe, and the rest of the *Star Trek: The Next Generation* crew. 103 minutes, rated PG, with DTS Digital Sound. Admission 2.50. Room 26-100. Sponsor: LSC.
- 10:00 p.m. – **The Prince of Egypt.** A DreamWorks animated film, starring the voices of Val Kilmer, Ralph Fiennes, Michelle Pfeiffer, Sandra Bullock, Jeff Goldblum, and Patrick Stewart. 97 minutes, rated PG, with DTS Digital Sound. Admission 2.50. Room 26-100. Sponsor: LSC.

Monday's Events

- 3:00 p.m. – **Quantum Information, Quantum Channels.** Dr. Christopher A. Fuchs, Caltech. Special EECS Seminar. Refreshments at 2:45 p.m. Room 34-401B. Sponsor: Research Lab of Electronics with EECS.
- 3:30 p.m. – **Dry Fuel Storage: Practical, Institutional, and Legal Issues.** Mr. Jay Silberg, Shaw Pittman. Dept. of Nuclear Engineering/American Nuclear Society Seminars. Refreshments in Room NW12-222 at 3:00 p.m. Room NW12-222.
- 4:00 p.m. – **Digital Television and the Real Public Interest.** Nolan Bowie, Kennedy School of Government, Harvard. Program in Science, Technology, and Society 1999 Spring Colloquia. Room E51-095.
- 4:00 p.m. – **Biomedical Imaging Using Coherence Tomography.** Prof. James G. Fujimoto, MIT, EECS and RLE. MIT-EECS 1999 Spring Semester Colloquium Series. Refreshments served at 3:45 p.m. Room 34-101.
- 5:00 p.m. – **Advanced Music Performance Recital.** Dave Allmon '01, trombone; Minnie Lau '99, piano; Elizabeth Kim '01, piano; Debbie Emory, piano. Bernstein, Casterede, Wagenseil, Von Weber, Krenek, Pryor. Killian Hall.
- 6:00 p.m. – **Picturing Thermal Comfort in Vernacular Architecture.** Professor Murray Milne, Professor Emeritus, Department of Architecture and Urban Design, UCLA. "An Evening With" Lecture Series. Room 3-133. Sponsor: Aga Khan Program.
- 8:00 p.m. – **MIT Affiliated Artists Collaboration.** Charles Shadle, piano; Margaret O'Keefe, soprano; Elizabeth Connors, clarinet. Brahms, Lutoslawski, Schubert and Shadle. Killian Hall.

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D'Arbeloffs Bestow \$10 Million on MIT

By Steve Hoberman
STAFF REPORTER

Chairman of the MIT Corporation and Teradyne cofounder Alexander V. d'Arbeloff '49 and his wife Brit donated \$10 million to the Institute to promote new uses of technology in education.

The donation will go toward the creation of the Alex and Brit d'Arbeloff Fund for Excellence in MIT Education.

"Educational change is in the wind throughout academia," said President Charles M. Vest who announced the fund's creation at Friday's Corporation meeting. "This magnificent gift will enable our faculty to translate into action the wealth of new pedagogical ideas welling up through MIT," he said.

The fund will be controlled by a committee that is chaired by the Chancellor. First year members of the committee will include the Dean of Students and Undergraduate Education and the chair of the Committee on the Undergraduate Program. Faculty will also be included, but no individual faculty members have been named.

Gift to aid education technology

The gift was intended to support faculty initiatives that use technology to better science education. Although a great deal of new educational technology is internet related, it is not clear if teacher proposals involving this new technology will receive preference.

"After being at MIT for about a year, I felt that this initiative is very important to the future of MIT and the rest of the time was necessary to work out the details," d'Arbeloff said.

"In a university, it's faculty

whose support is the key to any change in the educational methodology. It is similar in a business where support of engineers is essential to developing new world class products," d'Arbeloff said.

Gift was well-received

Student reactions to the gift were optimistic. "It seems to give faculty a new degree of freedom," said one student.

Jason S. Kim G said, "I don't think technology is an end in and of itself, but if it gets the material across better I'm all for it."

D'Arbeloff's contribution is the fifth largest gift MIT has received in the last ten years. "This is a great institution. MIT has a great impact on the US and the world," he said.

Unlike most gifts this one is not earmarked for a particular lab or research project.

Other d'Arbeloff contributions

This gift is not d'Arbeloff's only contribution to the Institute. He was elected a member of the Corporation in 1989, and became a life member in 1994. In addition, he has taught at the Sloan School and has endowed a chair in the Mechanical Engineering department.

D'Arbeloff founded Teradyne Inc. along with MIT classmate Nicholas DeWolf '48 in 1960. The company produced testing equipment for semi-conductors. D'Arbeloff rose to CEO in 1971, and served as president until 1996.

Brit d'Arbeloff, MS '61, is also an active member of the MIT community. Most recently, she spoke as the Department of Mechanical Engineering Distinguished Alumni lecturer. She also serves as a member of several Visiting Committees.

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- Who should apply? Students who are committed to work in one or more disciplines in the arts and who wish for more interaction with fellow student & faculty artists
- What is the program? The program is structured around informal monthly dinners accompanied by presentations or excursions. Presentations may be given by faculty members, MIT artists-in-residence, fellow students or Boston-area artists

When does the program start? The full 1999-2000 program will begin in September 1999

Students may apply to the program by completing and submitting an application form that includes a brief essay describing the student's involvement in the arts, and his/her interest in participating in the Arts Scholars Program. Also required are:

- 2 letters of recommendation - one from an MIT faculty member familiar with the applicant's artistic work
- Interview with two selection committee members

Application forms are available at 3-234 and E15-205, Mon-Fri 9am - 5pm.
For more information contact cohen@media.mit.edu or call 253-4005

ToBGLAD

Transgendered, Bisexual, Gay,
and Lesbian Awareness Days

March 7 - March 13, 1999

Event Schedule

TUESDAY, MARCH 9

- "REEL BISEXUALS: IMAGES OF BISEXUAL CHARACTERS IN FILM," 6 pm-8 pm, Room 6-120
- FRUITTY FENWAY FESTIVAL study break, 9 pm-11 pm, Fenway House

WEDNESDAY, MARCH 10

- WHERE THE WOMEN ARE luncheon (food provided), 12 pm-2 pm, Rm 1-236
- "ONE NATION UNDER GOD," ex-gay documentary, 7 pm-9 pm, Rm 4-163
- STUDY BREAK, 9 pm-11 pm, the coffeehouse, 3rd floor of the Student Center
- COMING OUT SUPPORT GROUP, 9 pm, GaMIT Lounge, 3rd floor of Walker

THURSDAY, MARCH 11

- STUDY BREAK, 9 pm, Senior House Basement

FRIDAY, MARCH 12

- STAFF AND STUDENT BROWN-BAG LUNCH (dessert & beverage provided), 12 pm-2 pm, GaMIT Lounge, 3rd floor of Walker (Bldg. 50)
- "SAY YOU'RE GAY" at LSC's Star Trek: Insurrection, 7 & 10 pm, Rm 26-100

SATURDAY, MARCH 13

- "PEARL," GaMIT's 30th Anniversary Dance, 9 pm-1 am, Lobdell (\$5 w/MIT ID, \$6 w/College ID)

WEDNESDAY, MARCH 17

- "THE BIBLE AND MATTHEW SHEPARD," a lecture by Rev. Peter Gomes, 7 pm, Bldg. W11 Main Dining Room

GaMIT: A Home for International Students Too

by Bassam Kassab

For 30 years, GaMIT (Gays, Lesbians, Bisexuals, and Transgenders at MIT) has been 'a group of white American fag boys running around in high heels.' This is how some have perceived one of America's oldest GLBT (gay, lesbian, bisexual, and transgender) clubs. I don't want to take anything away from our highly visible brothers in 'high heels,' or claim anything less than pride for the terms 'queer' or 'fag,' but I will concentrate below on the extent to which 'white American' still holds true.

Arguably, there are more Caucasian-Americans who are out of the closet (in relation to MIT's total population of Caucasian-Americans) than there are "out" American students of color or international students. Nevertheless, this does not prove that "being out is a white American thing only."

There have been many international students in GaMIT's history who were out and politically active - on campus and elsewhere. These men and women came from many parts of the world where homosexuality and bisexuality are highly taboo. In addition to earning a degree from MIT, they learned lessons that last for a lifetime: to be proud of oneself, and to challenge inherited cultural norms when they conflict with one's own beliefs. This continues to be the case.

For example, many GLBT students identify as Jewish, Christian, or Muslim, and each of these religions converge on their rejection of GLBT identity. Though some Christian churches and Jewish temples have begun welcoming GLBT people, Islam - as a religion and culture - remains unrelenting in its discrimination.

Last year, several Boston area universities, including MIT, organized a conference for GLBT Muslims that was attended by a group of participants representing thirteen countries. The conference had as its goal the affirmation of queer Muslim identity, and underscored the idea that being both Muslim *and* gay (or bisexual, lesbian, or transgender) is not oxymoronic. The conference resulted in the formation of "Al-Fatiha" ("The Opening," a reference to the first chapter of The Quran, Islam's holy book), an international organization for GLBT Muslims.

To understand the importance of this step requires a bit of background: historically, any gay movement in Islam has been aborted. For example, the "Pink Crescent" society in San Francisco dissolved itself after several members were executed upon their return to the Middle East.

This raises a key question: what is waiting now for Al-Fatiha (besides recognition and applause from human rights organizations)? Will there be a "jihad" (holy war) declared against it? An Ethiopian proverb says, "When spiders unite, they can turn down a lion!" The question for us, then, is: who will be the spiders and who will be the lion?

Muslim, Christian, and Jewish fundamentalism may cause more leaves to fall from the "queer" tree - we need look no farther than Wyoming and the Matthew Shepard incident for proof. Forgive the metaphorical digression, but I believe that Spring will come and the trees will blossom again. Someday everyone - queers and straights alike - will be free from the oppression that homophobia inflicts on us all. "The future belongs to those who believe in the beauty of their dreams," said Eleanor Roosevelt. It follows then that we must live out our dreams, and be the very agents of the change in which we believe.

I have a vision of the future: students stepping out of their closets, men running with low (or high) heels, and women with long (or buzzed) hair, all of them with a beaver ring on their finger and a button on their shirt on which it is written, "Proud to be a GaMIT graduate!"

The "OUT" List

In an effort to increase on-campus awareness and acceptance of Lesbian, Bisexual, Gay and Transgender (LBGT) people during ToBGLAD, the LBGT Issues Group has sponsored the following list of those supportive of and responsive to LBGT issues. There are two groups listed - "out" and "supporters." The reason for this distinction is simple: we want to show both that there are many out, proud, LBGT people on campus, and that there are many others, who often do not identify as LBGT, who are equally concerned with LBGT issues. This list is by no means exhaustive (we regret that we were unable to contact more people in our search), but it demonstrates that there are people at all levels of MIT - administration, alumni, faculty, staff, and students - who actively support our LBGT community.

OUT

Craig Abernethy	Amilcar Fuentes	Gisele Proulx
Tara Andrews	Eric Gold	Matthew Pucciarelli
Sean Austin	Jeremy Grainger	Katy Quinn
Jeffrey Baker	Ricky Gresh	Ricardo Ramirez
Polo Banuelos	Terrance Harmon	Antonio Ramirez
Ulf Baumann	Kevin Healy	Lee Ridgway
Mary Baxter	Irene Heim	Sean Safford
Clinton Bench	Jessica Hinel	Nathan Sanders
Robert Bettiker	Pei-Lin Hsiung	Raymond Schmidt
Thomas Bushnell	Troy Lee Hudson	Faye Schwartz
James Cain	Natasha Iskander	Drew Sexton
Adrian Childs	Fumi Kanaya	Jeremy Sher
Heather Cleary	Bassam Kassab	Lauren Singer
James Coleman	John Kellett	Stephen Skuce
James Collins	Holly Kosisky	Ryan Smith
Thomas Cork	MaryAnn Ladd	C. Alexis Smith
Carlos Covarrubias	Katherine Lemon	William Snyder
Ruth Davis	Anthony Lujan	Damon Suden
Laura Dean	Michael McCullough	Bob Sumner
Thomas Defrantz	Jimmy McNulty	Stephen Tapscott
Nurettin Demirdoven	Charles Morcom	David Van Hoy
Anna Jacob Dirks	Karen Mueller-Harder	Ryan Wagner
Elisa Duggan	Amber Murray	Brad Waller
Michael Dumbrowski	Joy Nicholson	Rochelle Weichman
Matthew Dyer	Alison Novak	Robert Weinerman
Stephen Ellis	John Olson	Dexter Wheeler
Kim Falinski	Fabrice Paget	Sheri White
Paul Fallon	Nick Papadakis	Craig Wiegert
Maria-Camilla Fiazza	Christos Papadopoulos	Thomas Wilhelm
David Fitzgerald	Chris Pomiecko	Kathryn Willmore
Jered Floyd		Dan Winship
David Forbes		Donny Wong

SUPPORTERS

Jessica Andors	Jessica Forbess	Rachel Molenaar
Christa Ansbergs	Derek Fox	Rebecca Morss
Todd Atkins	Molly Frey	Casey Muller
Lawrence Bacow	Mary Fuller	Matthew Norwood
Margaret Bates	David Golombek	Katherine O'Dair
Arlene Benford	Jason Gratt	Carol Orme-Johnson
Jennifer Burns	AnYuan Guo	Ben Polito
Matt Cain	Leila Hasan	Abigail Popp
Corrina Chase	Heather Hillman	Scott Ramming
Sandy Choi	John Hinsdale	Robert Randolph
Sophia Chong	Sharon Hollander	Nataly Reed
Joyce Coffee	Kirsten Hoyte	Joey Richards
Sarah Cohen	Jennifer Hyman	Doug Rickett
Cathy Coury	Lee Knight	Elissa Robbins
Sabrina D'Amico DeAlmeida	Mike Lawrence	Aaron Rodriguez
Sherri Davidoff	Richard Li	Brian Schneider
Max Davis	Aidan Low	Maureen Scully
Nina Davis-Miller	Heather MacLean	William Shalongo
Francisco Delatorre	Dee Magnoni	Delsey Sherrill
Cyrus Abda Dolph	Alice Man	Andrew Sparks
Neil Donahue	Meg Manderson	Aisha Stroman
Neal Dorow	Niko Matsakis	Monica Taylor
James Eggleston	Keith McCluskey	David Thorburn
Andrew Eisenmann	Dylan McConaghy	Eric Traub
Sara Jo Elice	Sean McGehearty	Mark van der Helm
Constance Emanuel	Eden Miller	Charles Vest
Grant Emery	Amalia Miller	Rosalinda Villastrigo
Jennifer Erwin	Phoebe Minias	Norris Vivatrat
Isaac Feitler	Ken Mitton	Gabe Weinberg
Michael Foley	Carol Miu	Stacey Winston

Questions? Contact lbgt@mit.edu or visit <http://web.mit.edu/glb-coffee/www/ToBGLAD99.html>

Sponsored by: the LBGT Issues Group, GABLES, MIT FAQs, the MIT Women's Collective, GaMIT, the Graduate GLB Coffeehouse, RLSLP, and One2One.

Funding provided by: the LBGT Issues Group, UA, GSC, RLSLP, and CAC.

Sigma Nu to Retain Current Residence

Sigma Nu, from Page 1

The fraternity went over its housing capacity two years ago, Schmidt said. Renting apartments has "hurt our finances and, more importantly, our brotherhood," he said.

The former Fiji residence is only about 300 yards from the current Sigma Nu house. Sigma Nu plans to retain its current house and will probably lease it to graduate students, according to Schmidt.

Sigma Nu to be a 'good neighbor'

"We've been good neighbors on Newbury street and we will continue to be at the Fenway," said Sigma Nu House Corporation President Michael Plusch '93. Sigma Nu is alcohol-free and has never been cited for violations.

Every member of Sigma Nu is involved in at least one public service project, and the chapter as a whole organizes several events every semester, including semi-

annual Kenmore Alley Cleanups, during which members remove trash from the streets near the house.

Fiji Corp. hopes to lease property

The Malcom Cotton Brown Corporation, which owns the former Fiji residence, is eager to discuss leasing the property if the transfer is approved. "We'd like to start generating some income again," said Roderic P. Taft '74, head of the corporation.

Fiji was suspended by MIT and the BLB in September 1997, after the drinking death of pledge Scott S. Krueger '01. MIT announced last summer that it would not support an application for renewal of the chapter's dormitory license; the chapter was later dissolved.

None of the former members of the chapter, aside from two caretakers, have lived in the house since January 1998.

Zareena Hussain contributed to the reporting of this story.

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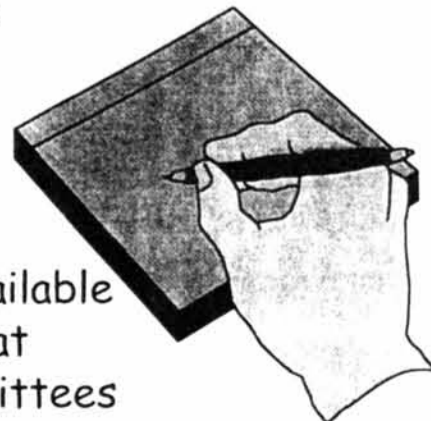
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Sarah Ward, SLP, Speech Pathologist, Mass. General Hospital

Vision

Wednesday, March 17th
Rm. 4-231 7-8:30pm
with

"Anne," Patient

Nancy Kanwisher, PhD., MIT Dept. of Brain & Cognitive Sciences
Antonia Orfield, O.D., Behavioral Optometrist, New England Eye Institute

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Deans Promise a New Relationship with Aramark

Dining, from Page 1

have a quality food program on campus," Williams said.

Community skeptical of change

Despite reassurances, some members of the MIT community seem skeptical about having Aramark on campus for the next three years.

"I have to admit to being surprised that Aramark was given both contracts," said Associate Professor of Political Science Charles Stewart III, housemaster for McCormick Hall. "Because there isn't much good will among most of the MIT community toward Aramark, they have no latitude to perform poorly in the future."

Working group member Jeremy D. Sher '99 said, "I am deeply disappointed in MIT's failure to implement the [working group's] model, designed and developed through an intense process of community feedback."

Even members of the Dining Implementation Committee agree that in re-signing Aramark, MIT falls short of making sweeping changes to the dining system.

In a statement, Dining Implementation Group members Jake H. Parrott '00 and John S. Hollywood G said that "the administration is unable and unwilling to assume managerial responsibility for a transition to another vendor in any part of the system. MIT cannot provide the substantial organizational commitment that would be required to educate a new vendor, establish new community relationships, and tolerate temporary service disruptions that might result from a transition."

Walsh, who chaired the effort to build a new dining model, agreed that "always when you put in a lot of effort [into a project], you want to see everything you worked to suggest implemented, but there are times where you need to do as much as you can do at the time... [The Dining Implementation Team] felt that in this now is the time to stay with Aramark in both zones," Walsh said.

New contract will be different

The administration maintains that although Aramark will be on campus for three more years, MIT's relationship with Aramark will be different.

The new three-year relationship with Aramark is not an extension of an old contract but rather the beginning draft of a new one that will be negotiated in the next two to three months, according to Walsh.

Walsh said that blemishes in Aramark's past, such as unsanitary food, financial losses, and continued unresponsiveness to student needs, were in part due to MIT's disorganized dining system. "It wasn't entirely clear what MIT wanted with the dining system," Walsh said. MIT "wasn't entirely pleased with it."

Williams promised that the next three years with Aramark will "definitely be a different relationship. We will have our own director of campus dining. The director is being hired specifically to provide ongoing, effective management of dining services." The director of Campus Dining will be named later this week.

One problem with previous Aramark contracts has been a clause under which MIT subsidized Aramark for lost money. According to Walsh, such details have yet to be negotiated in the new contract, but MIT has devised a system of incentives and sanctions to ensure Aramark's performance.

"In agreements we're going to have, there's already language about expectations, projected performance, analysis, and benchmarking" of Aramark's services, Walsh said.

"We have made it very clear that we will be looking to create our own system to evaluate their performance by a number of factors, including customer satisfaction. This will be carried out by Dining Office," Walsh said.

The contract's short duration is also designed to give the dining administration "a period of stability, an opportunity to fully think through our options and priorities" while being short enough to allow for change in three years, according to Walsh. "Originally, we thought that the new contract would be seven to ten years," Walsh said.

"We also see what Aramark has been doing on campus as a show of their good faith intention to increase quality," Walsh said. Walsh recalled the improved food service at Baker Dining, community meals at East Campus, and Pan Geos at Walker Memorial.

In addition, Aramark has proposed new programs such as sponsoring sports nutrition seminars as part of an enhanced programs for athletes, who usually miss traditional dining options because of sports schedules.

"Aramark's service has improved considerably over the past

year or so... I'm actually confident things will be much better than the past," Stewart said.

Bidding process under scrutiny

Aramark is "so thoroughly unpopular on campus, that I had imagined that MIT would have to bring in a second contractor, simply to lend credibility to the bidding process," Stewart said.

The bidding process, in which MIT invited dining contractors nationwide to present their proposals for MIT's dining system, began last summer through the efforts of the Dining Implementation Group

and the Procurement Office.

"One of the benefits of the Institute Dining Report was that we were able to know how to construct a bidding process," Walsh said.

On Oct. 1, MIT invited companies to the bidding process. Ten companies came to the bidders' conference in mid-October, where MIT explained what it wanted in a food service provider.

Of the ten that attended the bidder's conference, five companies submitted formal bids. Aramark was joined by the Compass Corporation, Whitsons, Wood Companies, and Bon Appetit.

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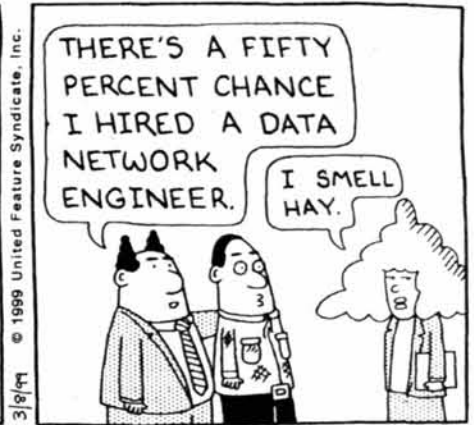
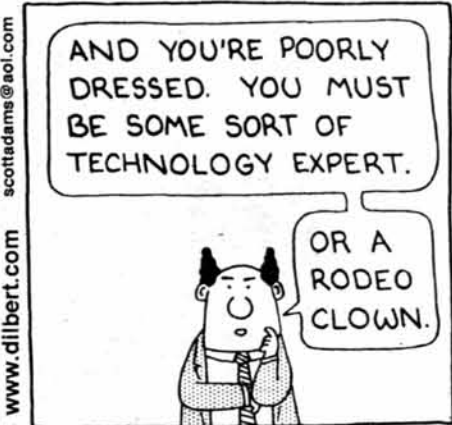
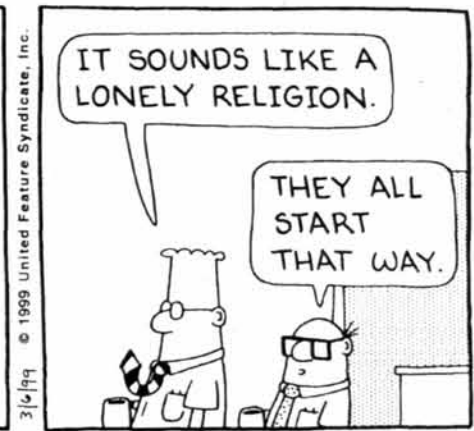


ALE SMITH'S OWN HARVARD BRIDGE



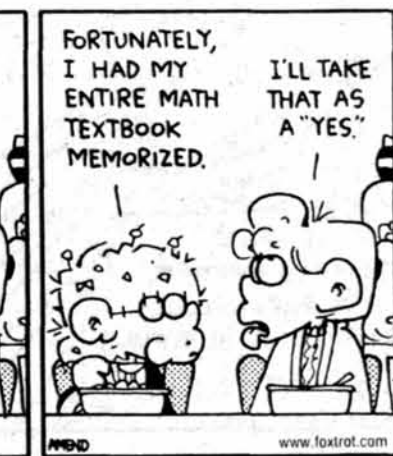
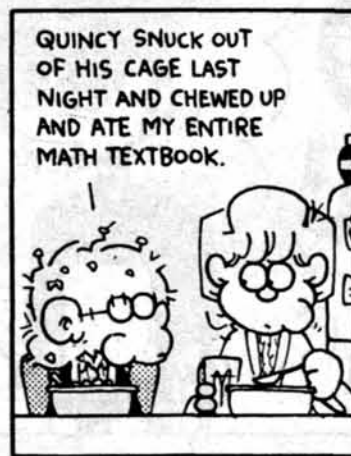
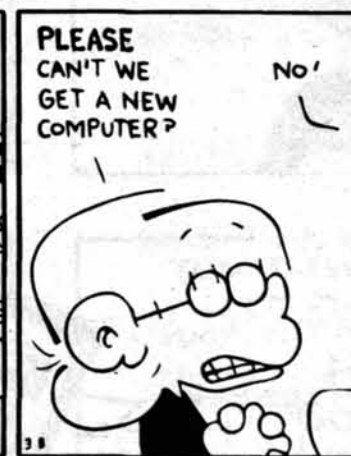
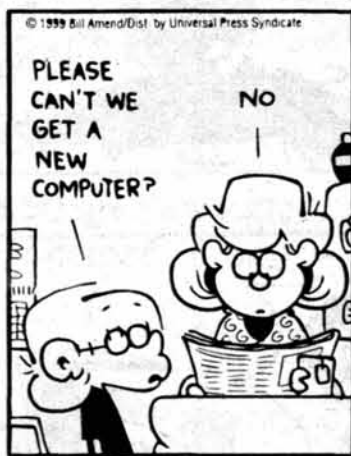
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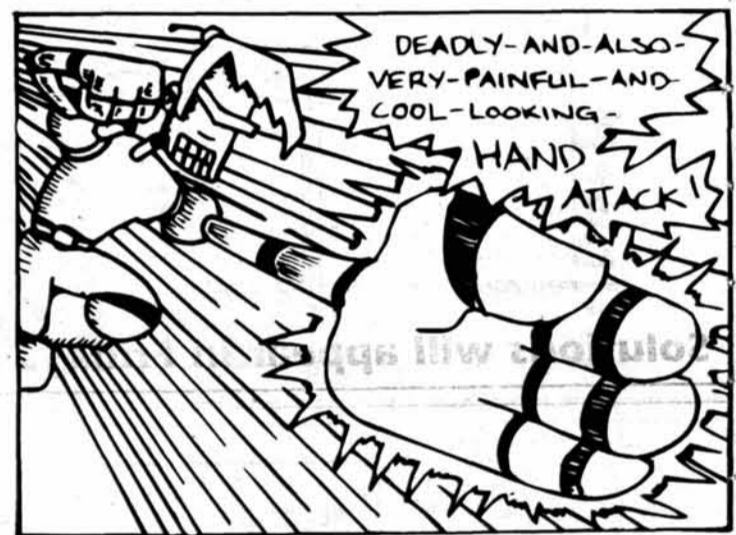
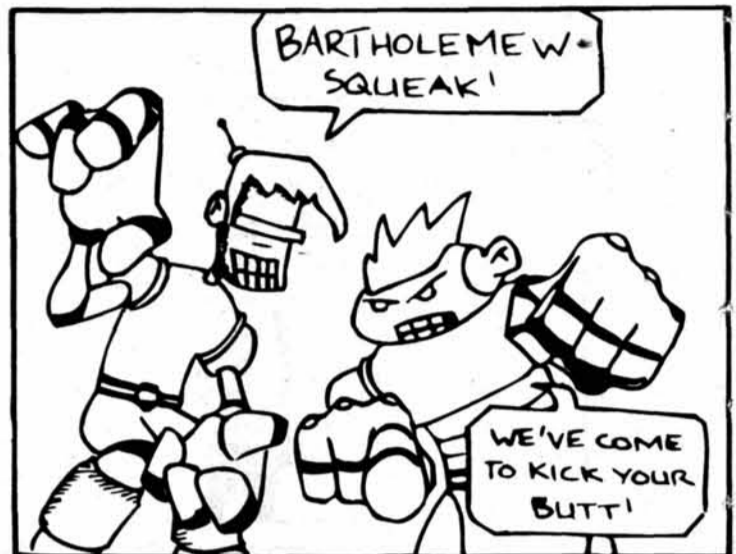
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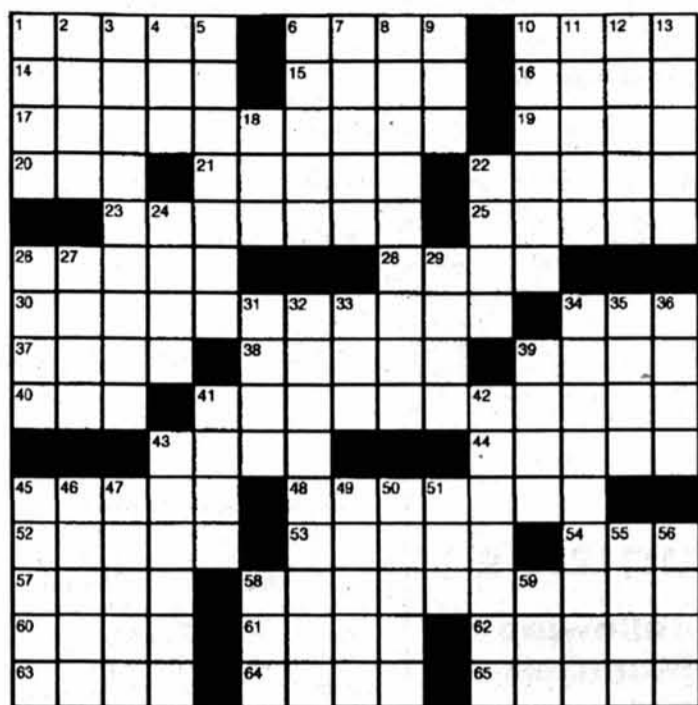


BARTHOLEMEW SQUEAK

by SOLAR



- ACROSS**
- 1 ___ New Guinea
 - 6 Gremlins
 - 10 Train to box
 - 14 Originate
 - 15 Roman tyrant
 - 16 Fast-food option
 - 17 Stimulates to action
 - 19 Gumbo veggie
 - 20 London W.C.
 - 21 Greased up
 - 22 Contemptuous expression
 - 23 Soprano Renata
 - 25 Surrenders by treaty
 - 26 Asian capital
 - 28 Eliz. II's son
 - 30 Cold War divider
 - 34 Lower digit
 - 37 Hawaiian garlands
 - 38 "Lamia" poet
 - 39 Expose
 - 40 Sculling instrument
 - 41 Part of E.T.
 - 43 Prescribed amount
 - 44 Corridors
 - 45 City west of Venice
 - 48 Astounding
 - 52 Spiral-horned antelope
 - 53 Eatery
 - 54 Religious dread
 - 57 Hit on the head
 - 58 St. Paul resident
 - 60 Fairy-tale opener
 - 61 Early Peruvian
 - 62 Prevailing tide
 - 63 Future plant
 - 64 Lifetimes
 - 65 Affirmative responses



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- DOWN**
- 1 Jack's tote
 - 2 Pisa's river
 - 3 Dark wine
 - 4 Function
 - 5 Like efficient exercise
 - 6 Total
 - 7 Doled (out)
 - 8 Imply
 - 9 Signal for help
 - 10 Rocks
 - 11 Jabbed
 - 12 See eye to eye
 - 13 Serengeti plains
 - 18 By way of
 - 22 Glance over
 - 24 Millennia
 - 26 Hawaiian city
 - 27 Neighborhood
 - 29 Sibillant sound
 - 31 Hawaiian instruments
 - 32 Studying for finals
 - 33 Black goo
 - 34 Follows too closely
 - 35 Spoken
 - 36 Sea shockers
 - 39 Husk of grain
 - 41 Ugly character
 - 42 Dry
 - 43 Immersed
 - 45 Rio Grande feeder
 - 46 Unchallenged
 - 47 Sock hop
 - 49 Chop into tiny bits
 - 50 Quindlen and Paquin
 - 51 Last letter
 - 55 Grow less
 - 56 Comes to a conclusion
 - 58 Farrow of "Rosemary's Baby"
 - 59 Galena or mispickel

Solutions will appear in Friday's issue of The Tech.

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INFORMATION SESSION - Wednesday, March 10th
 • 6:00pm, Room 8-105

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1999 CSMG Case Competition Finals



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What's an RFP? What's an example of a near perfect presentation? How should I respond to questions in a case interview? Come to the finals to find out answers to these questions, and many others!

CSMG Finals
 Thursday, March 11
 Room 10-250
 6:00 to 8:00pm
 Refreshments will be served.

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Students Impressed with Design of 2001 Brass Rat

Brass Rat, from Page 1

goddess Athena "enrobed in a percent sign and armed with the shield of 2001," according to the ring brochure. She sits inside a Killian Court with "2001" spelled out in Morse code above the pillars, "class of 2001" spelled out in braille in the windows of Lobby 10, and the number "01" in a string around the Great Dome. Huge raindrops appear above the dome, to "remind us of the first rainy week we spent as MIT freshmen," the brochure states, and Massachusetts Bay Transportation

Authority "T" signs appear, "reminding that for only \$0.85 you can escape MIT," according to Ring Committee Member Emily Hui '01.

Remarkably, the traditionally-straightforward seal shank — although it still contains the two men and lamp above the motto "Mens et Manus" — is equally crowded with symbols, containing another weather reference, a reference to MIT's recent presence in movies and the media, and a discreetly disguised fire hydrant in place of the usual podium.

In addition to the reorientation of

the beaver, other symbols appear on the bezel. Representing the massive policy changes which have taken place in the past few years is a bottle within the "negative space" of two blades of grass, and the letters "R/O" fade away in a river. The class of 2001 was the last class to have a Residence and Orientation week named as such.

Student response is positive

Many students who attended the premiere were impressed with the ring design.

"I think they did a good job representing our class," said Paola B.

Nasser '01. The ring has "some really creative ideas," she said.

"I really love [the ring design]," said Pearl P. Cheung '01. "I thought our committee went beyond tradition. [It's] so cool."

The ring "exceeded my expectations," added Kristie L. Tate '01.

"I think it's very clever," said Max Van Kleek '01. "I like how [the ring] breaks tradition. I love the Athena symbols; long live Athena!"

The ring design is "okay," said Matt Alaniz '01. "I especially like how we're getting a cruise."

"I expected something very different, but I guess it's not possible," said Antonio J. Copete '01. "There are a lot of neat symbols. The one I liked best was the ivy," he said, referring to the man on the seal shank using his sledgehammer on "eight small ivy leaves." This symbol, representing the eight Ivy League schools, prompted loud and enthusiastic cheering when it was introduced to the audience.

"They did a heck of a job," said Ian M. Finn '01, who also liked the ivy symbolism.

"I think it's pretty cool... they brought back the map, which I really liked," said Rachael Leventhal '01, although "there are things I don't get." Many sophomores expressed confusion at the presence of the "76" on the bezel, represent-

ing 2001's sister class.

"Once you graduate, the sister class helps you plan reunions," Montgomery explained later. According to Montgomery, the sister class also helps financially with the reunions. The sister class is the class which graduated 25 years previously.

Ceremony has several problems

While the ring premiere itself went fairly well overall, a number of things went wrong during the slide presentation. Students were accidentally given a look at the bezel and the cruise slides before the ring committee intended them to be shown.

"We're having a good day, can you tell?" deadpanned Adam C. Reynolds '01, a ring committee member.

An atmosphere of elegance pervaded the room, however. Well-dressed ring committee members distributed glass cups to entering students, and an ice-sculpted brass rat sat near the entrance, melting in the bright lamp behind it. T.I.M., the MIT beaver, also greeted people at the entrance.

"It was good to see that the things which made us enthusiastic made the class enthusiastic," said Rashmi Khare '01, vice-chair of the ring committee.



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POSITION AVAILABLE IN THE
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ADMISSIONS COUNSELOR

The Office of Admissions is now accepting applications for the position of Admissions Counselor. This is a one-year full-time position beginning in July, 1999.

Duties include:

- conducting question and answer sessions
- interviewing prospective applicants
- visiting secondary schools
- coordinating MIT student involvement in reception area
- participating in admissions committee decisions

Applications are available in the Admissions Office, 3-108, with Lara Duston and should be returned no later than April 1, 1999.

Note: This is for 1999 (January or June) MIT graduates.

FRANK SANTOS

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Institute to Increase Scholarships by 12%

Tuition, from Page 1

allowed to credit the entire value of outside scholarships received toward the self-help requirement of \$7,600.

Previously, only half of the money received from outside scholarships could be applied toward self-help; the other half was used to cover MIT grants.

The change in the self-help requirement came from a recommendation by the ad-hoc Financial Aid Study Group, headed by Stanley G. Hudson, Director of Student Financial Aid and Harold Abelson PhD '73, professor of electrical engineering and computer science. The group made its recommendation in November.

He mentioned that the group also pushed to have the parental contribution lessened, but this measure was not possible given current operation costs.

Most students receive aid

Currently 600 students out of the 1,047 students in the freshman class receive financial aid. Out of this total, 200 students whose families' incomes range from \$80,000 to \$140,000 qualified for aid. Those students whose families earned more than \$100,000 and received aid either had two or more students in college or other unusual financial circumstances.

Fifty-eight percent of MIT undergraduates qualified for financial aid this year. Slightly less, 52

percent, qualified for scholarship grants from MIT.

Approximately 300 families with extremely limited income and assets are not expected to contribute to the cost of the student's education. Two-thirds of these students are required to borrow or earn through term-time work the student contribution of \$7,600. The other 100 students have economic resources so limited that they need to borrow or earn only as little as \$4,100.

Twenty-five percent of MIT students receive no financial aid at all, paying the full amount of tuition, room and board from their parents' income and/or through outside scholarships.

MIT increases financial aid

The MIT Corporation also decided to increase the amount of need-based scholarships available to students by 12 percent. The average value of a grant is expected to increase by \$1,500, from \$12,400 to \$13,900.

"MIT is deeply committed to need-blind admission and need-based undergraduate financial aid. We do not intend to change this," Vest stated.

"The changes we have made are very much in line with those made by peer institutions," said Rosalind H. Williams, the Dean of Students and Undergraduate Education.

During Friday's meeting, the MIT Corporation also reaffirmed its need-blind admissions policy.

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- Glenn Kenny, PREMIERE

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- Andrea C. Basora, NEWSWEEK.COM

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- Kenneth Turan, LOS ANGELES TIMES



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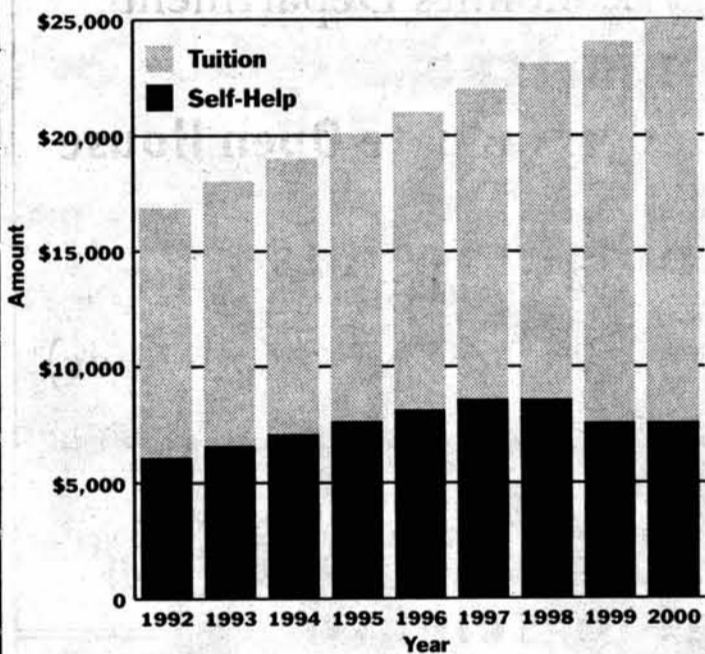
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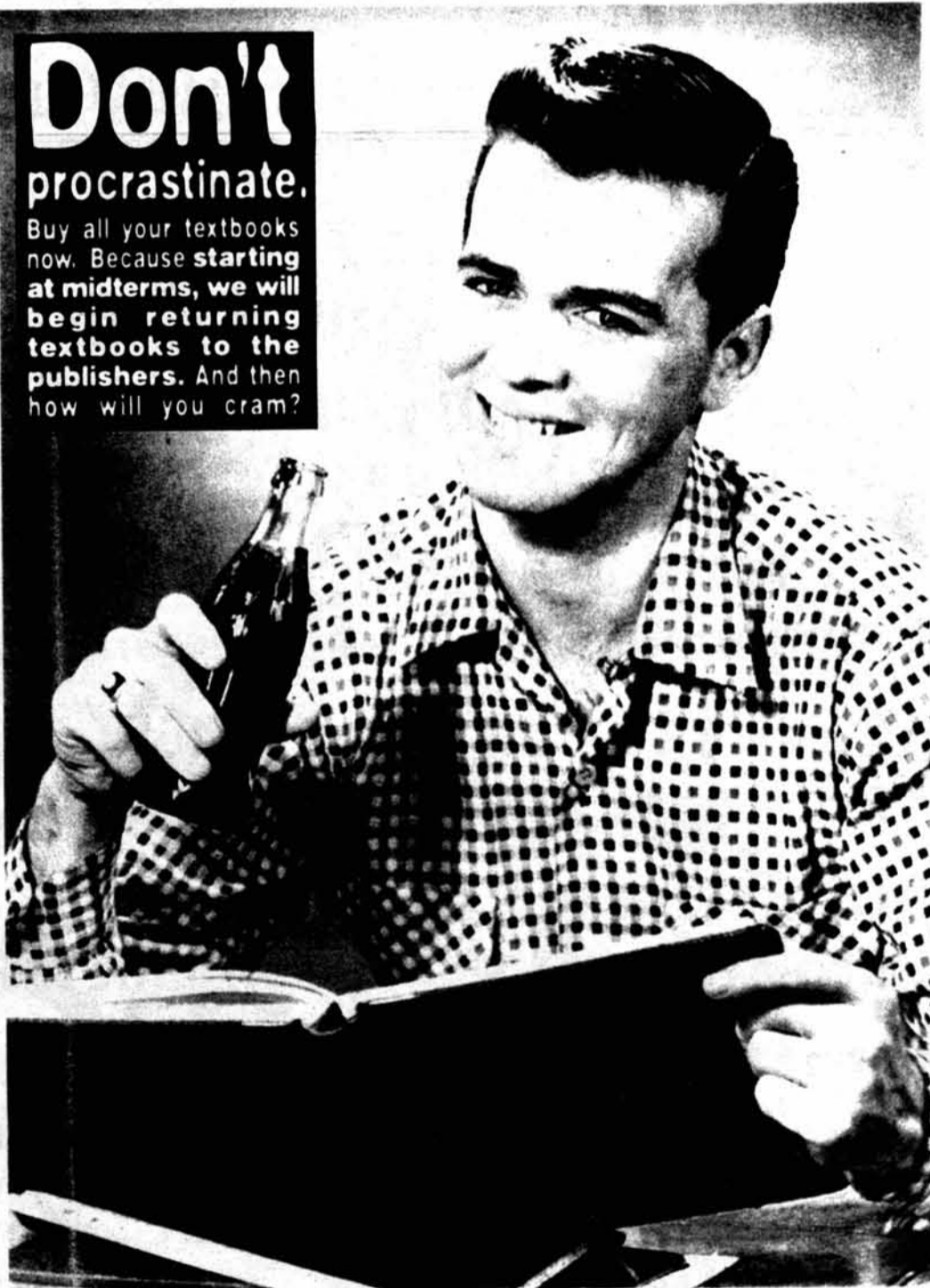
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Kári Stefánsson, M.D.
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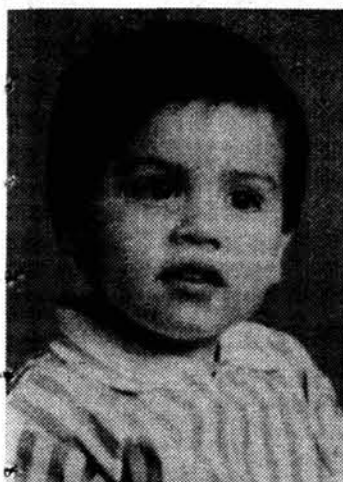
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2 years old, 1992

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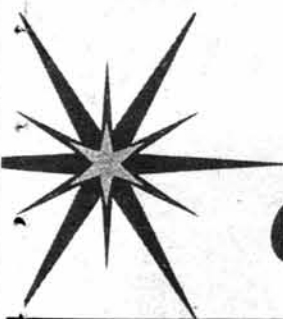
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INSTITUTE AWARDS CALL FOR NOMINATIONS

*The Nominations Deadline for the 1999 Institute Awards is
Friday, March 19, 1999*

Karl Taylor Compton Prize

William L. Stewart, Jr. Award

Albert G. Hill Prize

Laya W. Wiesner Award

Laya and Jerome B. Wiesner Award

Goodwin Medal*

Gordon Y. Billard*

Louis Sudler Prize in the Arts

Edward L. Horton Fellowship Award

Association of MIT Alumnae Award

Arthur C. Smith Award

James N. Murphy Award

Irwin Sizer Award

Everett Moore Baker Memorial Award for
Excellence in Undergraduate Teaching

(*Note: Nomination procedures and deadlines may differ. Please Inquire.)-

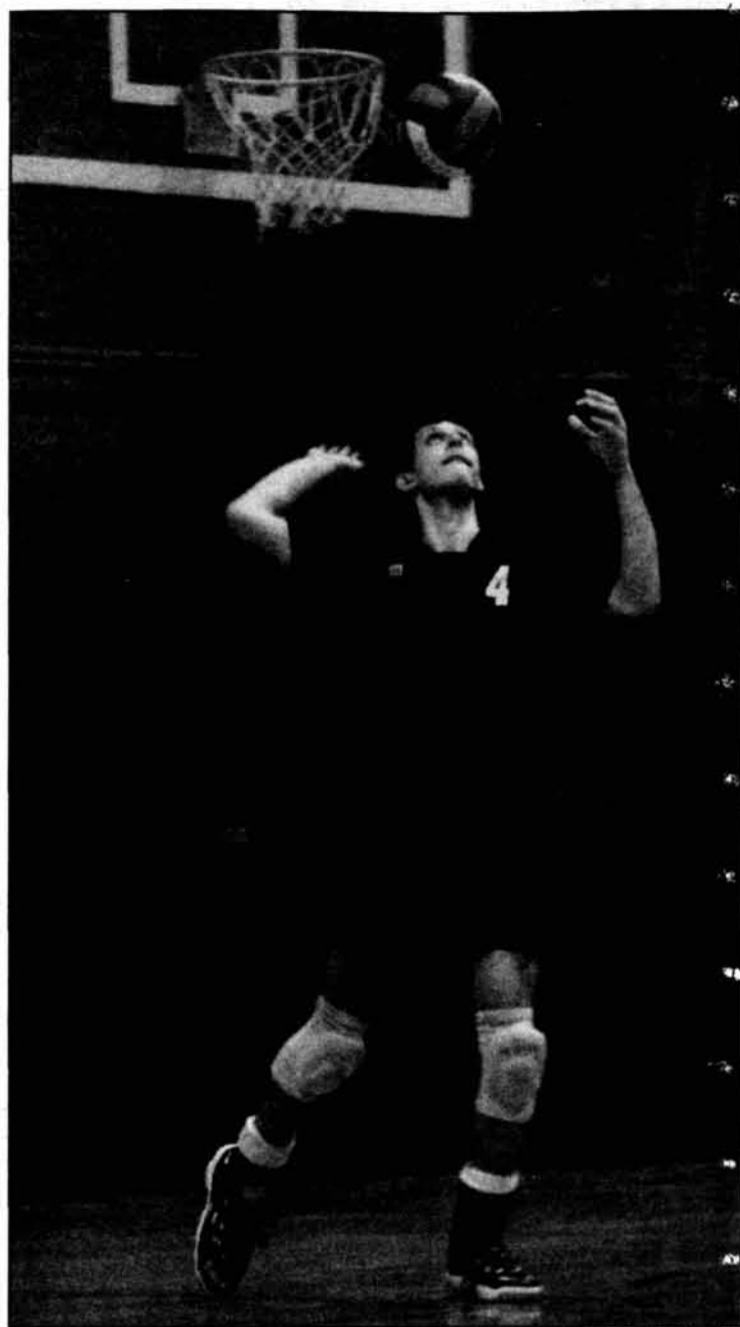
*Please mail all nominations to the attention of the: The Awards Committee, W20-500
Copies of the awards descriptions may be picked up in W20-500 (CAC)*

Questions? Contact Ted Johnson at 3-3913 <tej@mit.edu>



EVAN LOVETT-HARRIS

Anit Chakraborty '99 forcefully returns a serve as his partner James Matyszczak '99 watches during their match against the University of Vermont. MIT won 6-1 Friday in the Tennis Bubble.



RITA LIN—THE TECH

Darius Jazayeri '00 effortlessly serves the ball to his opponents from SUNY New Paltz in DuPont Gymnasium Friday. MIT lost 3-1.

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- The predicted score of the final will be the tie-breaker.
- The server will close to new entries at noon on Thursday.



Zehren Holds UCLA Squad To One Goal

Hockey, from Page 24

goalie made a stick save on a slap shot by Donaldson, but Burns Schilling '02 was in position to put back the rebound to give MIT a commanding 4-0 lead. UCLA's inability to stop the onslaught caused the team to fall apart as they began scuffling among themselves on the bench as the second period came to an end.

The Bruins got on the scoreboard by surprising the MIT squad with a goal only 10 seconds into the third period. The Engineers then came back with a point of their own less than two minutes later when Rae skated around a UCLA defender to beat their goalie for a short handed goal.

The scoring continued as the ruthless MIT offense continued to parage the Bruins for the rest of the third period. William Kennedy '02 scored his first goal of the season on a powerplay with 10:41 remaining.

Kennedy redirected a shot by Geller to beat the UCLA goalie.

Woods put MIT up 7-1 less three and a half minutes later on a breakaway. Rae earned an assist on an excellent pass that split the defenders.

Kennedy capped off the afternoon with his second goal on another powerplay. Kennedy's sharp angel shot off Woods' assist gave MIT its eighth and final goal.

Although the Engineers did not make it into the semifinals, they certainly surprised many of their contenders.

"It's the first time that MIT has ever been at nationals and nobody expected us to be here," commented Coach Mark O'Mera.

"It was by far the most successful season while I've been here," added Zehren. "We went 10-0 in the league. We also have a list of goals in our locker room and we accomplished every one of them."

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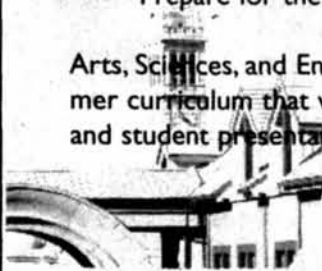
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SPORTS

Men's Ice Hockey Annihilates UCLA 8-1 at Nationals

By Shao-Fei Moy
SPORTS EDITOR

In their final match of the year, the men's ice hockey team destroyed the University of California, Los Angeles 8-1 on Friday, March 5 at the Acoro Ice Center in West Valley City, Utah. The win came after MIT lost two tough pool play matches earlier in the week, the first to St. Louis University, and the second to the eventual American Collegiate Hockey Association national champions, Life College.

The Engineers set the tone for the match in the first period by outskating the Bruins. Greg Donaldson '00 was able to capitalize on an early powerplay opportunity by scoring the first goal off an assist by Captain John Rae '99 and Avishai Geller '01 only 3:37 into the period. MIT assaulted the UCLA goal several more times with a number of near misses.

With 12:33 remaining, an MIT penalty gave the Bruins their first opportunity to score. UCLA showed some life by challenging goalie John Zehren '99 with a series of wrist shots and put back attempts. Zehren,

showing why he's considered one of the top goalies in the nation, frustrated the UCLA squad by turning away the attacks. Towards the end of the first period, MIT had a two man advantage on a couple of Bruins' high stick penalties, but were unable to extend their lead.

The second period began with both teams skating aggressively, leading to two penalties, one assessed to each team, in the first two minutes. MIT was able to regain their composure to score their second goal with 14:31 remaining in the period. Shane Swenson '01 put MIT up 2-0 by netting a rebound on a three-on-one breakaway. Michael Woods '00 assisted on the score.

Two minutes after the MIT goal, the Bruins failed to score their first goal when they blew a four-on-one attack. The outstanding goal tending by Zehren sparked yet another Engineer attack. McKeone and Rae set up Geller's goal with 10:04 remaining after the Bruins lost the puck behind their own net.

Six minutes later, the UCLA

Hockey, Page 23



Michael Woods G sets up a shot to pierce through UCLA's goalie during MIT's third game at Nationals in Salt Lake City, Utah on Friday. The Engineers ruined the Bruins 8-1, finishing a successful season.

ANNIE S. CHOI—THE TECH



Defenseman Todd Kamin '00 struggles against a Life College opponent in an attempt to clear the puck from MIT's blue zone during their second game of the American Collegiate Hockey Association National Championships Thursday. The Skating Eagles defeated the Engineers 6-4.

ANNIE S. CHOI—THE TECH

Engineers Place Ninth At Division III

By Lila French
TEAM CO-CAPTAIN

On Saturday, Feb. 27, the women's track team made its first appearance at the Indoor New England Division III Championships at Smith College. There were more athletes competing in this event than at any outdoor Division III event. The team finished ninth out of 27 teams, higher than any of MIT's outdoor finishes. The versatility of this year's squad definitely shined at the meet as the team managed to score points in every track and field discipline.

55m hurdler Alyssa Thorvaldsen '00, whose performance has dramatically improved all season long, ran an excellent 8.88 in the trials. Thorvaldsen then followed it up with amazing personal bests of 8.71 and 8.60 in the semi-finals and finals, respectively which earned her a third place finish. Her time in the finals not only qualifies her provisionally for Nationals, it also ranks her ninth in the nation.

In the pole vault, Lila French '99 and Stephanie Norris '02 continued to outscore the opposing teams. French took second on misses with a vault of 10'9", a personal best as

well as a new meet and Smith facility record. Freshman sensation Norris took third with a personal best of 10'6".

Elaine Chen '99, who led the team in individual point-scoring during the regular season, continued her contributions at the competition. Chen took fourth in the high jump with a mark of 5'01". She also placed sixth in the 200m with a time of 27.15, a personal best by almost half a second. Chen was just out of the scoring in the 55m dash, taking ninth with a personal record of 7.59.

Princess Imoukhuede '02 set yet another personal record this season in the shot put. Her 38 '03.50" heave earned her eighth place.

In the first multi-event competition of the season, the pentathlon, Theresa Burianek '99 achieved something truly rare — five personal bests in each of the five events. She started the day with an excellent 9.5 in the hurdles, followed with 15'02.75" in the long jump, 28' in the shot put and 4'04.75" in the high jump, and ended with a personal record of 2:49.65 in the 800. Burianek finished ninth, well above her 13th seed, with a score of 2417.

In the distance events, Patry Diaz '00 set personal bests in both the 3000m and the 5000m race, finishing both races with her usual excellent kick. Rose Radin '02, Melanie Harris '01, and Milena Yamaykina '02, who competed in the 3000m, 1000m, and 600m, respectively, each ran well but just short of their personal bests.

Debbie Won '00, who has already qualified for Nationals in the 5000m, was looking to improve her provisional mark. However, running with the flu, she ran a disappointing race and finished behind her seed.

The 4x200m relay of Chen, Kay Sullivan '02, French, and Adeline Kuo '02 were on their way to a new school record and a top five finish at Division III's, as Chen, Sullivan, and French all ran personal bests. However, a hand-off from French to anchor leg Kuo out of the zone led to the team's disqualification.

The same four women from the 4x200m came back in the 4x400m relay, running a school record time of 4:17.60. Sullivan anchored the relay, running an excellent 63.3 leg. The 4x400m team placed seventh, well above their tenth place seed.

Baker Races in EISA Event At Middlebury

By Jonathan Shefftz
HEAD COACH

Captain Brooke Baker '99 of the alpine ski team competed in the regional championships of the Eastern Intercollegiate Ski Association (EISA) at the Middlebury College Snow Bowl in Vermont this past weekend. Baker capped off the most successful four-year career of any alpine racer in the history of MIT women's skiing. She scored enough points by herself at the meet to pull even with the entire Harvard women's team.

The MIT women had finished seventh out of 11 teams this season, by far the best alpine squad in the history of MIT women's skiing. Baker continued her strong skiing over the past four years to finish 15th in the individual standings (with finishes as high as fifth), which earned her a berth at the EISA championships.

Although MIT's regular-season competition in the ECSC is very impressive, the competition in the EISA is at a level seldom seen in intercollegiate athletics outside of Division I sports such as football and basketball. All of the schools, with the exception of crosstown rival Harvard, are schools located in northern New England. Two schools, Dartmouth College and Middlebury College, operate their own ski areas, and the University of Vermont offers skiing scholarships. Many of the coaches and skiers have been or will be on the U.S. Ski Team. For example, St. Lawrence University's top racer from last season, Thomas Vonn, is now on the U.S. Ski Team, and has twice finished in the top 30 on the World Cup, the pinnacle of alpine ski racing. Dartmouth's Jennifer Collins at the end of her freshman year won at the U.S. National Championships, by beating the entire U.S. Ski Team.

Baker was familiar with such competition from her experience at the EISA regionals two years ago, and therefore knew she had to be in her top form. Unfortunately, a hard

crash at the conclusion of the regular season had sidelined her for two weeks, but since X-rays indicated no fractures, Baker received an okay to compete from her doctor.

The giant slalom race was held on Friday, Feb. 26. Although most race courses feature fairly even, predictable terrain, the Snow Bowl's giant slalom course is unlike anything seen at a normal commercial ski areas. After a long, flat stretch, the course dives into a series of alternating extremely steep and flat pitches, creating difficult compressions and then drop-offs. Next, the racers have to tuck straight down the final steep section of the top half to carry their speed over a long flat stretch. The pitch gradually increases over some mildly rolling terrain, and then culminates in the final, steepest pitch, in full display for the cheering students. Baker skied a strong race to take 40th place which put her ahead of every single skier from Bowdoin and Harvard.

On Saturday, Feb. 27, the skiers participated in the slalom race. The Snow Bowl's slalom course starts off with a long, flat stretch, then gradually becomes steeper and steeper over mildly rolling terrain. The course's final stretch offers the most difficult pitch. Adding to the challenge was the exceedingly tight turns, leaving no margin for error. Baker once again skied strong to take 33rd, ahead of every single skier from Harvard.

Although MIT's entire women's team consisted solely of Baker, and although a team's top three finishers score toward the team standings, Baker's strong performance tied her with the entire Harvard alpine women's team for the championships. On that note, Baker and Coach Jonathan Shefftz took one final post-race team run on the giant slalom trail together to cap off her four-year career. Halfway down Baker went flying off an unmarked cliff by the side of the trail, but landed safely upright on her skis to conclude the season.

UPCOMING HOME EVENTS

Wednesday, March 10
Lightweight Crew vs. Bilgin Bown

Thursday, March 11
Men's Volleyball vs. Williams Woods, 7:00 p.m.