

MIT's
Oldest and Largest
Newspaper



The Weather
Today: Windy, 69°F (20°C)
Tonight: Windy, 51°F (10°C)
Tomorrow: Windy, 68°F (20°C)
Details, Page 2

Volume 118, Number 27

Cambridge, Massachusetts 02139

Friday, June 5, 1998



Keith Lockhart and the Boston Pops rehearse for yesterday's Tech Night at the Pops. As part of a Media Lab study on the correlation between physiological data and music, he wore a special conductor's jacket which included sensors monitoring heart rate, limb position, respiration, and muscle response.

RICH FLETCHER—THE TECH

SAE Sanctioned for Providing Alcohol to Prospective Student

By Susan M. Buchman
STAFF REPORTER

Sigma Alpha Epsilon has been suspended after a prospective student was served alcohol at its house during this year's Campus Preview Weekend.

SAE has been disciplined for the incident by both the Interfraternity Council and the dean's office. The fraternity was initially stripped of its Institute approved housing status and forbidden to possess alcohol on its premises by the IFC. The loss of housing status was overturned, however, upon appeal.

"Serving prefrash is absolutely unacceptable and monumentally stupid. It puts the whole Institute into jeopardy, and it puts the whole fraternity system into jeopardy," said Dean of Students and

Undergraduate Education Rosalind H. Williams.

IFC imposes sanctions on SAE

The IFC's Judicial Committee held a hearing on the incident on May 15. SAE was charged with violating four IFC rules. The first was a violation of MIT standards and procedures for students and the rules of the fraternity, sorority and independent living group system which states that "underage persons are not to consume, possess, or be served alcoholic beverages in the house or at an ILG-sponsored activity."

The second charge was a violation of a section of the IFC policy on risk management which reads "No fraternity shall violate the basic principles of good taste or initiate any activity which will be detrimental to the reputation of the MIT community, the Interfraternity Council, or its members."

Charge three was a violation of the same policy, but the specific clause "the FSILG must be certified by IFC for alcohol use."

SAE pleaded not guilty but was found guilty of all charges and sanctions were imposed by the IFC Judicial Committee. SAE's Institute approved housing status was revoked, meaning that freshmen could pledge SAE but could not live in the SAE house for the 1998-1999 academic year.

SAE was also forbidden from having freshman stay overnight during rush. A fine of \$2,000 was assessed, using the rate of \$500 per

SAE, Page 26

Ho, Clinton to Address Graduates At Largest Commencement Ever

By Aileen Tang
STAFF REPORTER

"Commencement this year will be longer, more highly anticipated and better attended than ever," according to Charles M. Vest, president of the Institute.

With well over 2,100 graduating students receiving more than 2,400 degrees and extraordinary guest speakers, today's 120th commencement ceremony is expected to attract over 10,000 guests, the largest Killian Court has ever witnessed.

William J. Clinton, president of the United States, and Dr. David Ho, world-renowned AIDS researcher, will both address the 1998 graduating class.

"Science and politics each provide an opportunity to shape the future and to make the lives of others better," Vest noted. "Both speakers have dealt with some of the greatest challenges of our times. The contrast of their world views and the commonalities of their goals provide for an enormously interesting program."

This is the first time a sitting president of the United States will address MIT's graduating class. It is also the first time commencement has hosted two guest speakers since 1979, when the ceremony moved outdoors to Killian Court. Previous commencement sites have included Rockwell Cage, Boston's Symphony Hall, and Trinity Church.

Alexander d'Arbeloff '49 will preside over the first commencement since his appointment as chairman of the Corporation last year.

The ceremony begins at 10 a.m. with the traditional academic procession, led by Robert M. Metcalfe '68, president of the Association of Alumni and Alumnae. After an invocation by religious counselor Swami Sarvagatananda, Ho will address the graduates.

Senior Class President Salman A. Khan '98 will then present the class gift, which is the renovation of the Student Center reading room. Following a brief charge to the graduates by Vest, Clinton will deliver his speech, themed on "opportunities in the information

age."
"In planning the President's commencement schedule, we tried to match the topic of the speech to the right setting," said Ann Lewis, White House communications director. "MIT has been at the very forefront of the two most important transformations in American society, the industrial age and the information age."

"So MIT was the right place to talk about opportunities in the information age," Lewis said.

Commencement, Page 24

Provost Search Returns Reborn Chancellor Post

By Douglas E. Heimburger
NEWS EDITOR

The Executive Committee of the Corporation yesterday approved President Charles M. Vest's appointment of Dean of Engineering Robert A. Brown to replace Provost Joel Moses PhD '75, who is returning to teaching at the end of the month.

The Corporation also approved the creation of a new Chancellor position to be filled by Lawrence S. Bacow '72, former chair of the faculty and professor of urban studies and planning.

The split of what was once the job of provost into two positions recognizes the increasing complexity of the position, which oversees the Institute's five academic schools, faculty hiring and promotion, and long-term planning for education, Vest said.

Under the new plans, Brown will take responsibility for the academic schools, overall budgeting, faculty development, tenure of faculty members, minority faculty recruitment, and Lincoln Laboratories. Bacow will undertake long-range strategic planning and oversee institutional partnerships and education at the undergraduate and graduate levels.

The changes will be "monumentally positive" for student affairs, said Dean for Student Life Margaret R. Bates. "I think it represents more

resources at the senior level" for student issues.

Bacow is a "real advocate and champion" of student affairs, said Dean of Students and Undergraduate Education Rosalind H. Williams. In addition, he will work to make sure that new experiments in student education and student life can progress.

The job of Provost has "just become too big and too complicated" during this decade as long-range planning becomes more complex and the Presidential Task Force on Student Life and Learning completes its work and recommends changes in the broad educational mission of MIT, Williams said. "No one should be asked to do a job that's beyond their human capacity."

"There's a tremendous amount of implementation that needs to be done" when the task force releases its report next year, Brown said. The new position of Chancellor will be well-suited for this task.

The Chancellor will also deal with educational issues that "span the schools" such as the freshman year and interdisciplinary issues, Brown said.

The last time the Chancellor position was filled was in the 1970s, but the position then was nothing like the new position being filled

Provost, Page 23



Colin A. Bultaupt '99 celebrates victory in the annual 2.007 Mechanical Engineering Design Contest, held May 13 in Johnson Athletic Center. See story, page 20.

WAN YUSOF WAN MORSHIDI—THE TECH

The GSC and UA have set aside \$50,000 for large event funding during the next school year from the provost's new \$200,000 allocation to student activities.

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The working group on binge drinking returns its report, recommending new social facilities in the Student Center and immunity for medical transports.

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WORLD & NATION

FAA Orders Controllers Retrained

THE WASHINGTON POST

WASHINGTON

Federal regulators have ordered the retraining of 10,000 air traffic controllers nationwide after two passenger jets came as close as 20 feet from hitting each other over New York's La Guardia Airport.

The previously unreported April 3 incident, coupled with an increase in controller errors nationwide, prompted the Federal Aviation Administration to order mandatory proficiency training for controllers working in airport towers handling takeoffs and landings, said Ronald E. Morgan, the FAA's acting associate administrator for air traffic services.

Investigators said their probe has convinced them that it was nearly a miracle that the two jets did not collide. An Air Canada Airbus A320 jet, taking off from La Guardia, flashed directly over a US Airways DC-9 jet as it broke off a landing attempt.

Federal officials for weeks were unaware of the seriousness of the near-collision because La Guardia tower personnel failed to report it and a complaint by a pilot in one of the jets was lost in a bureaucratic mix-up at a regional FAA office. Details of the incident emerged internally over several weeks only after passengers on the planes complained, the FAA said.

A tower supervisor was removed from duty but has since been reinstated after training.

The National Transportation Safety Board has launched an investigation of the incident.

Clinton, Congress Show Unity in Fight to Save Social Security

LOS ANGELES TIMES

WASHINGTON, D.C.

President Clinton and Republican congressional leaders joined in a rare show of amity Thursday to proclaim their determination to preserve Social Security for the Baby Boom generation and to scold Americans for not saving more for their own retirement.

Their willingness to cooperate, combined with the robust economy and the growing federal budget surplus, suggests a real possibility that political leaders will act in the next year or two to head off the financial crisis that faces Social Security when all the Baby Boomers have reached retirement age in about 30 years.

But Social Security alone, Clinton told a forum mandated by Congress to address Americans' retirement prospects, is not enough to protect elderly Americans from the ravages of poverty. "Very few people are doing any savings above Social Security and whatever pension they have or don't have for their own retirement," he said.

Emboldened by today's prosperity, Americans have a unique opportunity to assure their future, the president said. "People have the emotional space to think about the long term," he said.

By contrast, he warned, failure to fix Social Security and increase private savings "will undermine the self-confidence we're now enjoying, and it will make some people very short-sighted again."

Serbs Reportedly Intensify Ferocity of Kosovo Operation

LOS ANGELES TIMES

BELGRADE, YUGOSLAVIA

The guerrilla war racking Serbia's Kosovo province has exploded into a new phase after a fierce government offensive that killed or wounded dozens of ethnic Albanian separatists sent thousands of refugees over international borders and confounded an alarmed West.

Though portrayed by Serbian officials as a final push to crush the guerrillas, the offensive is the latest military operation in a devastating campaign that Yugoslav President Slobodan Milosevic appears determined to sustain for a long time, military experts and diplomats said.

Fighting that continued Thursday is part of the Belgrade government's largely successful attempt to carve out a "security zone" along Yugoslavia's border with Albania, ridding it of those who want independence for Kosovo and severing rebel supply lines.

Serbian government security forces armed with artillery and flamethrowers were reported moving "bunker by bunker" toward guerrilla strongholds. Albanian sources, who say entire villages have been razed, claimed Serbian shelling on Thursday also targeted fleeing columns of refugees.

Because Serbian forces have sealed off the area in conflict, none of the reports could be independently verified.

"The conflict has reached the stage of free-fire zones, scorched-earth policies and search-and-destroy," Serbian military affairs specialist Milos Vasic said in an interview. "There is no political solution in sight."

WEATHER

Fits the Bill, Initially

By Gerard Roe and Greg Lawson

STAFF METEOROLOGISTS

By this afternoon it will be about 2000 degrees in Killian Court. Lots of wind will be the rule as the mortar boards go flying. Otherwise, it will be partly cloudy with cool temperatures. Winds will gust to 30mph due to a big low off the maritimes. Just like today, Saturday will see similar breezy conditions. Over the weekend, showers will be likely to the north of Boston. The weather will continue to be unsettled through the start of next week.

Today: Gusting westerly winds (25-30 mph). A few clouds. High 69°F (20°C).

Tonight: Winds weakening a little. Low 51°F (10°C).

Saturday: Basically the same story, winds turning to northwesterly. A few showers to the north. High 68°F (20°C). Low 50°F (10°C).

Sunday: Again not much different. High a touch cooler in the mid-60s (about 18°C). Low in the high 40s (around 9°C).

Terry Nichols Sentenced to Life With No Hope of Parole

By Richard A. Serrano

LOS ANGELES TIMES

DENVER

Terry L. Nichols was sentenced Thursday to life in prison without release for his role as the chief collaborator in the Oklahoma City bombing, thus ending the largest federal investigation into the worst terrorist attack on U.S. soil.

The 43-year-old Nichols — a former Michigan farm boy who first met Timothy J. McVeigh, the anti-government zealot convicted earlier in the bombing, at Army boot camp in Georgia — also was ordered to pay \$14.5 million in restitution to the federal General Services Administration for the destruction to the Oklahoma City federal building.

At the start of the three-hour sentencing hearing, Nichols broke into tears as he took his seat. But through the rest of the afternoon, as a dozen victims spoke of their losses and U.S. District Judge Richard P. Matsch branded him and McVeigh "enemies of the Constitution," Nichols flashed not one more hint of emotion.

Even as his teen-age son sat collapsed and weeping in the back of the courtroom, Nichols expressed no feelings about the 1995 bombing of the Alfred P. Murrah Federal Building. Instead, he rose to his feet and quietly told the judge that he preferred to "rely" on his counsel to speak on his behalf.

Matsch was clearly unmoved. "My obligation is to preserve, protect and defend the Constitution of the United States against all enemies, foreign and domestic," the judge said, speaking out for the first time after presiding over separate trials for Nichols and McVeigh.

"Terry Nichols has been proven to be an enemy of the people. He sought to destroy all of the things that our Constitution protects."

As he handed down the life sentence, Matsch leaned forward into the microphone on his bench, stressing that he wanted the punishment to be severe enough to deter other would-be terrorists.

"This was not a crime against them (the victims) so much as it was a crime against the Constitution of the United States," he said.

"And that includes us all. The evidence shows that Terry Nichols participated in a plan to undermine the government. He joined with those who think of the United States government as some kind of occupying foreign power or some kind of opposing force."

The judge, mocking Nichols and McVeigh, said: "There was no anarchy, there was no reign of terror. Instead, the Constitution has been at work in this courtroom."

For victims of the bombing — the survivors of the 168 killed, the 500 injured, and the thousands of others whose lives were shattered — the Nichols sentence was a climactic moment in a long campaign for justice.

Doris Jones — whose pregnant daughter was killed and who each day still wears her bracelet "so I can keep her close to me" — said that she now hopes authorities will file state charges in Oklahoma against Nichols and McVeigh.

"It's something the people of Oklahoma want and need, to say that we did our part, too," she said.

But Marsha Kight, who also lost a daughter in the explosion, said that closure for the victims must start now with Nichols' life sentence and the fact that McVeigh was sentenced to death in a separate trial last year. "I think it should end right here," she said.

Nichols and McVeigh were Army buddies turned malcontent. Angry about several issues — gun control, U.S. involvement in the United Nations, the bungled federal raid at a religious compound near Waco, Texas — the pair put together a plot to destroy the Murrah building and, in McVeigh's words, ignite a second American revolution.

McVeigh rented the Ryder truck and delivered the bomb to the front of the federal building on April 19, 1995.

But Nichols' role was crucial. With McVeigh, he helped rent storage lockers, purchase ammonium nitrate fertilizer and stash McVeigh's get-away car in downtown Oklahoma City.

McVeigh was convicted on all 11 counts of his federal indictment, including conspiracy to bomb the building and responsibility for the deaths of eight federal law enforcement officers killed inside.

In contrast, Nichols was convicted of just one count of conspiracy, acquitted of two others and found guilty only of involuntary manslaughter in the eight officers' deaths.

Michael Tigar, his chief defense attorney, argued that others, such as Michael Fortier, a third Army buddy who testified for the government in the two trials, played larger parts in carrying out the bombing plans than Nichols.

The defense attorney said that Fortier, who pleaded guilty to knowing about the bombing but doing nothing to stop it, was given leniency last week with a 12-year prison sentence. He said that Matsch should give Nichols something less than life.

"(Fortier's) 12-year sentence stands as some kind of benchmark," Tigar said.

He portrayed Nichols as an unwitting partner who was used without his knowledge by McVeigh to further the bomb plans.

Tigar sharply criticized FBI investigators and federal prosecutors, contending that they never really looked for others who might share more responsibility for the bombing.

"I agree there are unanswered questions" about the bombing, Tigar said. "And those should be laid at the feet of prosecutors and the FBI."

But Larry Mackey, the chief federal attorney in the Nichols trial, urged a life sentence. He said that was the least that should be given to someone who had acted on his belief "that the government is a faceless evil."

German Crash Leads Amtrak To Re-evaluate Bullet Trains

By Don Phillips

THE WASHINGTON POST

WASHINGTON

The deadly crash of a German high-speed train has prompted U.S. officials to reassess the safety of new Amtrak trains scheduled to go into service late next year, bringing 150 mph speeds on the run from Washington to New York and Boston.

The National Transportation Safety Board said it would send observers to the scene, and board chairman Jim Hall said the board "hopes we may learn vital lessons from Thursday's tragedy," given plans to introduce similar trains into the United States.

U.S. passenger train safety and crash-worthiness standards are much more stringent than European standards for a variety of historical and political reasons. Current U.S. passenger cars can withstand far greater crash forces than the German Inter-City Express trains, and the new Amtrak trains will tighten the standards even further. It is unlikely a U.S.-built train would shred open to the extent of the German train, experts said.

But Robert Lauby, head of the safety board's rail division, said that the board also wants to learn from the German wreck how to prevent failures that can lead to derailments.

"Anything that happens at that speed is unforgiving," Lauby said. "You better keep the train on the track to begin with."

Grady Cothen, an associate administrator at the Federal Railroad Administration which sets passenger car safety standards, said the FRA is looking carefully at the German wreck. Even with tough standards, he said, "if you hit a bridge abutment (at high speeds), it's very difficult, even from a theoretical standpoint, to make that a fully survivable accident."

Early next year, Amtrak is scheduled to get the first of 18 new electric high-speed train sets for testing. The first is scheduled to go into service between Washington and Boston in October 1999, with the final set being delivered in June of 2000.

The new trains, being assembled by a consortium headed by Bombardier of Canada, will replace current Metroliner service between Washington and New York, and will extend high-speed service New York to Boston, cutting an hour off the trip. The New England Association of Governors has estimated such an increase in train travel will free up 10 gates at Boston's Logan Airport.

The new trains will look somewhat like the ICE, with a locomotive

on each end. But the trains will have tilt technology and will be built to the more rugged standards of U.S. railroads.

The German ICE train was tested in 1993 on the Northeast Corridor between Washington and New York when Amtrak was considering its new-train order. Because of less-stringent European crashworthiness standards, it ran under a special exemption from the FRA.

Historically, U.S. passenger trains have been built tougher because of the much tougher environment of the U.S. railway system. All European trains, including freight trains, are much lighter than trains on U.S. railroads, which have traditionally concentrated on the efficient haulage of thousands of tons of freight per train. Passenger cars, under standards set by the Association of American Railroads, were built to these heavier standards.

Bell and other officials with Amtrak and Bombardier shied away from direct comparisons with the ICE train. However, they pointed out that the U.S. trains will have crash-worthiness features not included on European trains, and will be built to standards as much as four times more stringent than the Europeans.

Subatomic Particle Neutrino Has Mass, Researchers Say

By Thomas H. Maugh II
LOS ANGELES TIMES

In a finding that is being called the physics discovery of the decade, an international team of researchers reports today that the elusive, ghost-like subatomic particle known as the neutrino has a mass. This suggests, among other things, that they represent at least part of the so-called missing or dark matter necessary to explain how large-scale structures in the universe came into being.

Neutrinos — formed primarily in the Big Bang that created the universe and in the fiery nuclear furnaces of stars — are by far the most common elementary particles. The discovery that they have mass, just like the more substantial particles known as electrons and protons, was

announced at a Takayama, Japan, meeting called Neutrino '98.

The discovery also will force revisions in what physicists call the Standard Model — the set of esoteric rules that describe how particles interact with each other to form larger particles, atoms and everything else in the universe.

That Standard Model now says that neutrinos have no mass, just like the photons that carry light energy.

The finding that they do have mass should help resolve some inconsistencies in the theory.

For two decades, physicists have been puzzled by results of experiments to detect neutrinos. Large detectors built to measure neutrinos produced by the sun and those pro-

duced when cosmic rays strike atoms in the upper atmosphere have found far fewer neutrinos than theory predicted.

That failure was initially attributed to defects in the detectors, but the new results provide "very strong evidence" that the problem lies in the nature of neutrinos themselves, said physicist William Louis of the Los Alamos National Laboratory.

The key is the demonstration that neutrinos have the ability to repeatedly undergo a Jekyll-and-Hyde transformation from one type of neutrino to another — for example, from an electron neutrino to a tau neutrino and back again. Physicists call this process oscillation.

Ken Starr Faces Legal Setback as High Court Rejects Fast-Track Plea

By Susan Schmidt
and Joan Biskupic
THE WASHINGTON POST

WASHINGTON

The Supreme Court Thursday rejected independent counsel Kenneth W. Starr's plea to issue a fast-track decision on his battles with the Clinton administration over whether he can force White House attorneys and Secret Service officers to testify in the Monica S. Lewinsky investigation.

In a legal setback for Starr, the court decided not to bypass the normal appeals process and hear the disputes on a rare emergency basis before its summer recess, dismissing the prosecutor's contention that a quick resolution was vital to the

national interest. None of the justices dissented in the one-page order, which urged the appeals court to "proceed expeditiously."

The decision means that Starr, even if he ultimately wins the legal battle, likely will not be able to obtain the testimony he has sought from White House deputy counsel Bruce R. Lindsey or three Secret Service employees until perhaps the end of the year.

But lawyers close to the case said the court's decision makes it more likely that Starr will send Congress an interim report about possible impeachable offenses by President Clinton without waiting to question everyone he wants to interrogate. And Starr may not wait to

indict Lewinsky on perjury or strike a deal for her testimony about the nature of her relationship with the president, although she may be in a stronger position knowing that no Secret Service officers will testify anytime soon.

The high court's action came as Starr finally was able to bring Clinton aide Sidney Blumenthal back before the grand jury Thursday to testify about internal White House discussions regarding the Lewinsky investigation. Blumenthal had refused to answer certain questions until Clinton dropped his claim of executive privilege this week.

The court's rebuff was Starr's first defeat in several legal battles.

Nuclear Powers Denounce Tests by India, Pakistan

THE WASHINGTON POST

GENEVA

The United States and the four other permanent members of the U.N. Security Council Thursday night denounced last month's nuclear tests by India and Pakistan and pledged to work to halt the arms race in South Asia, but did not adopt any concrete measures to secure cooperation from the new nuclear states.

Secretary of State Madeleine K. Albright and her counterparts from Russia, China, Britain and France issued a communique that "condemned" the tests, called on India and Pakistan not to repeat them and offered to help India and Pakistan resolve the issues that have divided them for 50 years.

"The whole world is asking India and Pakistan to stop, listen and think," Albright said after the meeting. "Don't rush to embrace what the rest of the planet is racing to leave behind. Don't assume that you are the only countries on Earth that are immune to miscalculation. There is no point worth making, no message worth sending, no interest worth securing that can possibly justify the risk."

The five permanent members did not specify any inducements or penalties aimed at persuading the regional rivals to embrace the meeting's conclusions. But they agreed to "provide assistance, at the request of both parties, in the development and implementation of confidence- and security-building measures." These were not spelled out, but one senior official said they could include the sharing of U.S. monitoring and surveillance capability to lessen the danger of uncertainty between the two countries, which have fought three wars since their independence from Britain in 1947.

Arms Inspector Gives Question List on Iraqi Weapons

THE WASHINGTON POST

UNITED NATION

The chief U.N. arms inspector Thursday gave the Security Council a detailed outline of unanswered questions about Iraq's chemical, biological and missile programs.

This missing information is what council needs before it can decide whether to lift the crippling economic sanctions that Iraq has labored under since the 1991 Persian Gulf War. In contrast to past reports, when the inspectors cited systematic Iraqi attempts to obstruct inspections and hide the truth about their weaponry, the council was told today that if Iraq continues its recent, more cooperative attitude, it could move very close to getting a clean bill of health by October.

"If Iraq follows (this plan), it should make the crisis much shorter," said Richard Butler, executive chairman of the U.N. Special Commission (UNSCOM), which has the responsibility of identifying and dismantling Iraq's weapons of mass destruction.



Graduate Student Council

Walker Memorial, 50-220 ☎ 253-2195

✉ gsc-request@mit.edu 🌐 www.mit.edu/activities/gsc



Congratulations to all Graduates

Help Organize Fall Orientation

Help organize such social events as the hiking trip, Red Sox game, or the Boston Harbor Cruise. Help prepare publications for incoming students. Help create a new, large activities sampler with representatives from lots of graduate student clubs. Come help create a memorable experience for incoming graduate students. For more information, contact Brian Lee (lee21@mit.edu) or Julie Lively (jglively@mit.edu)



Montreal Jazz Festival

Leave 8 a.m. Friday, July 10 & Return 11 p.m. Sunday, July 12
\$75 for MIT graduate students & post-docs & \$85 for guests, which includes transportation to and from Montreal, and two nights in a single room at the McGill University residence halls. Participants are responsible for providing their own food and incidentals. Many of the musical event are free!! Visas will be needed for international students. This event has been very popular & successful in the past. Students can sign up in 50-220.

56 Calendar

► JUNE

- 08** Summer Funding Application due Applications, instructions, and guidelines are available on GSC webpage
- 11** Orientation Meeting *
- 18** Academics, Research, & Careers Meeting *
- 22** Activities Meeting *
- 25** Summer Social *
- 30** Housing & Community Affairs Meeting *

► JULY

- 01** General Council Meeting *

* at 5:30pm in Room 50-220.
All graduate students are welcome. Food is provided.

OPINION

SAE, Alcohol, and Irresponsibility

The incident at Sigma Alpha Epsilon, where alcohol was served to visiting students during an event at the end of Campus Preview Weekend, was a severe violation of MIT's policies and Massachusetts law. Moreover, the Institute's attempts to hide the event from scrutiny are highly inappropriate and have further undermined MIT's credibility.

Editorial

The fraternity violated the trust of parents and the Institute by serving alcohol to a visiting student. An event like this, where students are encouraged to break the law before even enrolling, makes the Institute look extremely irresponsible. The visiting high school students and their parents trust MIT to look after the visitors while they are here. This event made a mockery of that trust. The punishments meted out to SAE are reasonable and more severe sanctions would not be inappropriate.

MIT's behavior following the incident has been equally reprehensible. The trial conducted by the Interfraternity Council Judicial Committee occurred in near-secrecy. In most Judcomm cases, all the fraternities, sororities, and independent living groups are appraised of the situation, but this time they were not. Although the trial was conducted in accordance with the

IFC constitution, neither the Institute nor the IFC should be hiding incidents like this from the community.

In an additional effort to hide the incident from public view, MIT also failed to inform several bodies that clearly should be appraised of the situation. MIT provided no information to SAE's national organization about the incident or punishment. The Institute also failed to inform the Boston Licensing Board. After the death of Scott S. Krueger '01, MIT pledged to improve communication with the board. Their failure to communicate in this case suggests these pledges were not made in good faith.

The Institute's haphazard handling of the incident also demonstrates how poorly the new alcohol policies actually function. After months of work, the administration produced what they touted as a comprehensive and uniform alcohol punishment policy. However, all these efforts proved a failure when faced with a serious incident to be addressed, as evidenced by the secretive and muddled handling of SAE's infraction.

SAE's actions in serving alcohol to visiting high school students were totally unacceptable. However, MIT's secretive and disorganized response was just as inappropriate. If MIT is to regain the trust of the community, it must do better.

Just Another Administrator

The appointment of Dean of Engineering Robert A. Brown and Professor of Urban Studies and Planning Lawrence S. Bacow '72 to the positions of provost and chancellor, respectively, was greeted with great fanfare by the administration this

Editorial

week. "Chancellor" is a new position created to take some of the workload off of the provost, who is responsible for academic administration. Ostensibly, the new chancellor will be a kind of strategic guru who coordinates the long-term planning of MIT's many diverse departments.

One of MIT's largest problems is its lack of vision and coordination. For students, this lack of vision manifests itself in the form of the burgeoning administration, whose complexity and ever-shifting responsibilities defy comprehension. In addition, the lack of coordination has meant that the many different ideas about how student life might be improved have remained half-implemented pipe-dreams at best.

These two problems — lack of coordination and poor oversight of student life issues — should be the focus of any attempt at refining the work of the MIT administration. The creation of

the position of chancellor appears to be motivated in part by a desire to rectify these problems.

In the past, however, throwing more bodies at the problem has done little or nothing to solve it. The much-touted split of the Dean's Office into two positions (followed by a gratuitous renaming) has had little impact on student life on campus. Last year's effort to fold various operational wings into the Dean's Office has also accomplished nothing. It may be that the provost is overworked, but will splitting the office result in better administration, or just more of the same?

MIT needs more than different administrators and new forms of organization. The Institute needs a new vision for student life itself, not just its administration.

Brown and Bacow are both qualified for the positions they will fill, and hence we congratulate them on their appointments. At the same time, however, we remain skeptical about the prospects for significant change. If these appointments are followed by real leadership from the top, then they may succeed. Otherwise, the new arrangement will mean nothing more than the title "chancellor" does.



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A New, Post-School Rhythm

Anders Hove

I am, above all, a creature of habit. I eat the same thing for lunch every day, go to the same restaurants, drive the same route home, have the same conversations with my friends, even write some of the same columns — again and again.



Last night I had a dream I've had every year since the first grade, always just at the beginning of summer. In this dream,

somehow I have not finished up all my homework, and am thus back in school trying to finish it long after I should have moved on to something new. My teachers or professors seem oblivious to my plight, as though this day were just like any other day in the term. As they heap forgotten assignments on me, I become more and more suspicious: How could all of this work have piled up without me hearing about it?

The dream always ends with the sudden realization that I'll never finish all the extra work on time because summer has already begun. I wake up in a cold sweat, wondering if I should feel relieved that it was all a dream or guilty that I'll never truly finish.

This time it's different.

Even for a creature of habit, the concept of leaving behind an annual rhythm of 18 years is an attractive one. Of course, many of the features associated with school gradually fall away as one progresses through the grades. At first you have just one teacher, one room, one set of classmates, and just a handful of tasks to complete during the school day. Then they introduce the idea of "homework," begin shuffling you between schoolrooms at intervals prescribed by a bell, and allow you to choose what you want from the cafeteria.

Soon you're driving to school on your

And when you finally decide to call it quits with school, what next?

That's the question

I don't have an answer to yet.

Even if I did, I wouldn't know what it means.

own. Then, in perhaps the most disturbing phase, you live there. But at the same time you learn to skip classes without feeling guilty (you did learn that, I hope), decide what you want to learn and what you don't, and finally figure out how you're going to make it up to yourself and to your pocketbook for spending so much of your life doing this. This *school* thing.

And when you finally decide to call it quits with school, what next? That's the question I don't have an answer to yet. Even if I did, I wouldn't know what it means, since it will be — *better* be — completely different from everything that came before. Anyway, I hope I can make it so.

Every year for as long as I can remember I've taken the measure of summer by looking up. At the end of spring, the star Spica in the constellation Virgo is high in the evening sky. As the days slip by, the glare of the setting sun begins to encroach upon Virgo's appendages. Spica is a bright star, and it fights the dusk for as long as it can. But Virgo is a zodiacal constellation, and the sun must pass directly in front of it before winter can come. I'd always taken Spica's yearly disappearance as a kind of summer Groundhog Day — an indication that school was just around the corner. No longer.

For centuries each month's moon was named after the agricultural event associated with that month in the growing season. There was the harvest moon, the cherry moon, and the hunter's moon. Now that fewer people live on farms the moon is just the moon again.

Now that *school* is over for me, all my habitual ways of looking at the world fall away as well. Work is just work. The end of this school year is really the end. And most of all, the stars are just the stars again. ♣

On Radios and the Real World

Jennifer Lane

When I came to MIT, I wanted to learn how to build a radio. Four years later, the Institute has shown me something that I don't usually admit — I was wrong. I don't want to know how to build a radio.

That pretty much sums up the completion of my undergraduate education.

Needless to say, as the graduates herd forward to claim their long-awaited diplomas, a little withered from the heat exhaustion, there will be no announcement made as to whether or not they can build a radio.

Similarly, there will be no mention of how many classes the graduate slept through or how many assignments were left undone in favor of a romp in the sun. Thank goodness.

Whatever colorful past brought you to

The one thing that I'll concede my degree gave me, besides refining my healthy cynicism, is opportunities. There are a lot of places you can go and doors you can open with an MIT degree. Far from just scoring cool jobs, graduates will also find themselves in a position to choose and shape the communities they live in.

Commencement, you head off just like everyone else into what is commonly called the "real world."

One of the first things the Class of 1998 did together was listen to welcoming remarks from then-Dean Arthur C. Smith. By the real world, he figured people meant "the non-academic world outside the boundaries of MIT."

This year, thanks to the Secret Service, even Commencement will be hermetically sealed off from the real world.

At MIT, we've had the unique opportunity to be self-absorbed for roughly four years. The majority of the Institute's pressure is focused on individual success in the classroom.

That is what will be honored today in Killian Court. Each and every graduate is an outstanding individual. Most can subsist on a few hours of sleep each night and couple packs of Ramen each day.

Needless to say, I'm relieved that even Smith wouldn't consider MIT to be a sample of the real world. Personally, I'm looking forward to a world where success isn't based on individual technical prowess. While working over the summer, my co-workers would tire of my *uncanny Fourier transform abilities* after the third or fourth parlor trick.

Future success, and happiness, will be based on our ability to function in a community.

The one thing that I'll concede my degree gave me, besides refining my healthy cynicism, is opportunities. There are a lot of places you can go and doors you can open with an MIT degree, or just a brass rat. Far from just scoring cool jobs, graduates will also find themselves in a position to choose and shape the communities they live in.

That means you can choose to isolate yourself. Or, you can choose to experience a wider array of the real world. To me, that decision seems like a no-brainer. Evidently, it isn't for everyone.

Today in Killian Court every hedge is trimmed neatly into place. Every tree has been gently settled into the proper location. Even most of the grass is new.

If you squint, though, and look across the river (still try and look nice for the Jumbotron), you'll see a world where the hedges are overgrown, the grass is browning, and people eat knishes on the street.

Beware as you enter the real world, though. Your MIT reputation will precede you. This is great at work, but I bet when the fence breaks the neighbors will think the engineer should fix it.

Personally, I hope to live among some of those blessed individuals that believe I attended the Michigan Institute of Trucking. With a little luck, there will be a pretzel truck right outside. ♣

Fixing the Political Machinery

Joel Rosenberg

There's an old joke about a Harvard grad and an MIT grad who are slated for execution by guillotine. The Harvard grad tries to talk his way out of it and fails, as would happen in any joke found in the MIT student paper. But as he lies waiting for decapitation, fate steps in, the blade jams, and his life is spared. The MIT grad, up next, approaches the executioner and says, "I think I see what the problem is."

Here at MIT we're trained to fix and improve things, often in ways others are unable to see, using methods others haven't thought of. Analogies are often quite helpful for understanding how things work. Taking the guillotine as an analogy for the government, the time has come for us to step in where Harvard has failed. To this end I have formed a group, Political Silence, that has begun working with administrators in an effort to get the entire MIT student community registered to vote.

Students generally don't vote because they don't think they can make a difference. Registration drives that have a single person behind a table, waiting and hoping to be approached, only reinforce this perception of futility. An article in *The Tech* a few years ago specifically discussed the political apathy on campus during the 1996 presidential election ["MIT Apathy Prevails This Political Season," Nov. 5, 1996].

To counter this, we want to register every student *en masse*. One idea is to distribute Massachusetts voter registration forms along with class registration forms, and have a collection box on Registration Day. A web site with information on how to vote in absentee for every state would be provided for those who want to keep ties back home. Another idea is to link such a site off the MIT home page, and from there connect to NetVote '98, the new online voter registration page sponsored by the American Association of Retired Persons, Rock The Vote, and MCI at <http://www.netvote98.mci.com/>.

The inspiration for this effort came from a *Boston Phoenix* article, "How students can take over City Hall" [Sept. 25, 1997], by Michael Crowley. The article, written right before Tom Menino's unopposed "race" for mayor, described just what it would take to get a student into that office. In 1993, Menino was elected with 74,778 votes, about 16 percent of the city's voting-age population, which is pretty pathetic. If Boston's estimated 84,831 students had voted, they could have been kingmakers.

Granted, the majority of MIT students reside in Cambridge, but if this registration program were to spread to other area colleges (of which there are a few), it might be possible to "radically alter the character of the city," which Crowley describes: a big city nightlife, extended MBTA hours, improved housing laws, and an overhaul of the resident-parking regulations, a nemesis of Boston students.

The fact is, students barely vote at all. Boston City Councilor Brian Honan said during a hearing on binge drinking in October, "It's time to shut off the drinking in Boston." ["Underage Drinking Probed by Council," Oct. 10 1997] That's a strange statement coming from the the councilor who represents the huge student population in Allston-Brighton. And it's even stranger considering Honan only won by 250 votes in 1995. It shows how politicians know that students are not the hands that feed them.

Fellow Boston City Councilor Tom Keane points out, "I've learned just how much, as a politician, you need to pay attention to the people who vote. And if people don't vote, then the reality is that politicians don't pay attention to them." Keane represents the student-filled Fenway and parts of the Back Bay, including many MIT fraternities. He won by a mere 27 votes in 1995.

On the day that President Clinton is visiting our campus discussing technology, our specialty, we want the community to start thinking about politics. This is an effort to get students involved in the community they call home for several years, and to stand up for what they believe in. Returning back to that joke, *the perfect ending is the MIT grad incorporates a safety into his redesign that allows him to control the machine if the need arises.* He can even save the Harvard grad if he feels like it. Of course, I bet a Georgetown grad would be able to talk his way out of it.

Advice For Those Who Remain

Shang-Lin Chuang

As I contemplated my edition of the traditional senior column, I realized that the best service I could provide to the underclassmen, including the incoming freshmen, would be to offer a bit of what I have learned in my four years at MIT.

I recall a day when a friend in the Class of 2001 complained about the depressing nature of life at the Institute. She feared that her MIT life was purposeless; she had just had a grueling day in class and lab, and she lacked any sense of accomplishment. I told her then what I will tell you now, and what so many soon-to-be-graduates here today already know: Stick it through, and it will all be worth it in the end.

As I repeat those words to myself, I realize that this advice is just as useful to a struggling freshman as it is to my friends and classmates leaving the womb of MIT today and finally entering the real world.

I still remember when I first set foot on Kresge Oval almost four years ago, fresh from the airport and my first tour of campus. Despite the beautiful weather and many helpful people, I was filled with fear that I wouldn't be able to survive the fire hose. That was four years ago, and although a lot has happened since, it seems only yesterday that I got here. At least for myself, that fear is with me again today as we leave a place that has become our comfortable home for the last four years and round another corner in our lives.

But back to my freshman year. I've learned quite a lot about coping with MIT since then, and I hope that those who follow me will learn as I have. To make that learning a little easier, I want to tell the freshmen to remember to take full advantage of pass/no record for the full year. It is definitely the one thing that makes freshman year so cool. Don't be afraid to become involved in extracurricular activities because they are what truly makes your MIT experience special and memorable.

But while you are having fun, there are things you must remember. Don't forget that you are now in a world-class institution where everyone is intelligent and incredible, don't forget that the real reason to be at MIT is to receive a top education, and don't forget what got you through high school probably won't get you through MIT. Learn that it is okay, and actually very beneficial, to go to office hours. Learn that you will no longer receive straight A's. Learn that 30 points out of 100 is actually a B. Learn that although you are tired from the all-nighter you pulled, it is actually more relaxing to hang out with your friends

Don't forget that you are now in a world-class institution where everyone is intelligent and incredible, don't forget that the real reason to be at MIT is to receive a top education, and don't forget what got you through high school probably won't get you through MIT.

than sleep. Learn that Boston is an amazing city; never underestimate the benefit of walking across the bridge and exploring the city the way you like.

As I look back on my four years, I find that I am generally satisfied with my experience. It is true that there are times when you will wish that you were at an easy school, there are times when it doesn't seem like you can get help from anyone, anywhere, and there are times when you just want to give up. Don't. You will find that your experience will be very rewarding if you stick it through. And believe me, in the end, with a diploma in your hand and a brass rat on your finger, you will appreciate all the hard work.

For the freshmen, remember that you only live once, and for most of us, you only go to college once, so take advantage of it. And for the 1998 graduates with me today, let us be sure to remember the hard work that we put into our MIT careers and apply that same dedication to everything we do in our lives. ♣



2 weeks old, 1989



1 year old, 1991



2 years old, 1992

This space donated by *The Tech*

Groups Agree to Divide Grant, Create New Large Event Fund

By Zareena Hussain
NEWS EDITOR

In the latest round of decisions over the fate of a \$200,000 allocation by the outgoing provost to student activities, \$50,000 has been set aside to fund large campus wide events designed to involve the entire community.

In addition, \$96,000 will go to the Undergraduate Association and \$54,000 to the Graduate Student Council for student activities. Representatives from both governments agreed to divide the remainder of the funds in this manner in negotiations which took place over the last several weeks. Tentative policies for the disbursement of the common \$50,000 have also been established.

Discussions over long-range funding policies are still ongoing. These talks include representatives from the executive committees of the UA, GSC, and the Association of Student Activities. The ASA was not involved in the original decisions to split the funds.

Funding deadline set for summer

The impetus for a fund for large campus events came from both the Office of the Dean of Students and Undergraduate and Education and from student leaders who perceived a need for campus community events, said GSC President Brian J. Schneider G.

"We all saw the need for specifically targeting money for events that would bring the campus together. In particular we wanted different student groups to pool resources in order to present a worthwhile and fun event," Schneider said.

About \$15,000 to \$20,000 of the large events fund will be allocated in the fall, with the remainder to be

handed out in the spring.

The deadline for applying for fall funding from within the large events fund has been set for noon on June 29, despite the fact that many students had already left for the summer.

"The UA, GSC, and ASA wanted to get this money out as quickly as possible so that student groups can start planning for a large event in the fall," Schneider said.

"We knew that people would complain by making the deadline during the summer, but we wanted to get the money out to the student groups as quickly as possible," he added.

Priority for funding will go to well planned events that appeal to a wide audience, Schneider said.

Applicants for fall large event funding will meet an ad-hoc committee of three representatives from the UA, three representatives from the GSC, and two representatives from the ASA for review, Schneider said.

Funding will continue

It now seems likely that funding at increased levels will continue in future years despite previous uncertainty. As a result, all of the provost's \$200,000 initial allocation will likely go to fund student activities for the 1998-99 academic year.

"All the indications from the administration lead us to believe that this is a renewable resource for student activities," Schneider said.

"With the increase in funds, [ODSUE] has indicated that there will be a higher scrutiny on the dispersal of funds made by the GSC and the UA," Schneider said.

The administration's apprehension to increase involvement in the

upcoming funding decisions stems from previous efforts to implement more streamlined ways of allocating funds to student activities as recommended by student services reengineering, said Assistant Dean for Residence and Campus Activities Katherine G. O'Dair.

Currently, students are setting the policies for funding distribution. The administration is unlikely to get overly involved in setting policy for allocating the additional funds, O'Dair said.

One of the recommendations that came out of student services reengineering was the push for a Central Allocations Board, a joint committee between the UA and GSC to decide upon funds for student groups in which both undergraduates and graduate students are members.

While the ASA was supportive of such a board, leaders within both the GSC and the UA were strongly opposed, O'Dair said. Funding powers were deemed as one of the core responsibilities of both student governments. A central funding board was seen as taking away those powers, O'Dair said.

The initial decision during reengineering to remove responsibility from students "didn't fit right with the students," O'Dair said.

Further complications may arise in the GSC surrounding the use of their grant. The GSC is uncertain to whether all of the \$54,000 allocated to it will be allocated to graduate student groups. Currently, they may be forced to use \$15,000 for a revamped Graduate Student Orientation in the coming year.

"The Graduate Student Council is still continuing to find alternative sources of funding for graduate student orientation," Schneider said.

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AN OPEN LETTER TO PRESIDENT CLINTON

Mr. President: Please help Lori Berenson, Class of '91

Release of Citizens Imprisoned by Foreign Government

Whenever it is made known that a U.S. citizen is wrongfully imprisoned by a foreign government, "the President shall use such means, not amounting to acts of war and not otherwise prohibited by law, as he may think necessary and proper to obtain and effectuate the release."

From 22 U.S.C. § 1732

June 5, 1998

William Jefferson Clinton, President of the United States

Dear President Clinton:

Our daughter Lori Berenson entered MIT as a freshman with the Class of '91. She has been wrongfully incarcerated for over two and one-half years in a Peruvian maximum security military prison under extremely harsh and at times brutal conditions. Accused of "treason against the fatherland," Lori was sentenced to life in prison by a hooded "judge" in a secret military tribunal with a gun held to her head. She was and continues to be denied any semblance of due process, a fate regrettably shared by all too many similarly imprisoned Peruvians.

In the words of Amnesty International "it is unacceptable for hundreds of political prisoners like Lori Berenson not to be able to exercise their basic human right to a fair and public hearing by an independent and impartial tribunal."

Lori's interest in and commitment to helping the poor of Latin America was nurtured at MIT. As a research assistant to the late Professor Martin Diskin (Department of Anthropology), she studied problems of wealth and land distribution in Latin America, and subsequently traveled there to further investigate the effects of poverty.

In her only public statement following her arrest in Peru, Lori said "I am to be condemned for my concern about the conditions of hunger and misery which exist in this country." She added, "If it is a crime to worry about the subhuman conditions in which the majority of this population lives, then I will accept my punishment."

Lori has consistently maintained her innocence and insists that Peru provide her an open, fair trial in a civilian court, or grant her immediate release.

In December of last year, 55 Senators and 180 Congressional Representatives, including both Senators Kennedy and Kerry and the entire Massachusetts Congressional Delegation, sent letters to Secretary of State Albright calling on our government to do "everything in [its] power" to achieve justice for Lori. It is imperative that you as President take the lead in this effort now.

We have heard you speak forcefully on behalf of political prisoners of other nations with great success. There is no reason to believe you cannot do the same for our daughter Lori, an American citizen whom Amnesty International has declared is also a political prisoner. We call on you to do so now.

Please do not by your inaction permit Lori to suffer any longer.

Respectfully,

Rhoda and Mark Berenson



Lori Berenson (top row, second from the left) with living group. Photo from *Technique*, 1988.



The Berenson Family from left to right: Rhoda, Kathy, Lori, Mark. Summer 1994.

The following representative group of members of the MIT community wish to express their support for the above letter. (We regret that we do not have room to print the names of all those who have expressed interest in supporting this statement.)

Kikuyu M. Mathews
MIT Class of '98

Irene Kyung-eun Kim, Class of '99
Jantruu Ting, Class of '00
Afsana Akhter, Class of '98
Doug Wyatt, Class of '96
Robert Mitchell, Class of '98
*Co-Presidents and Officers of
MIT Amnesty International*

Brian Schneider
President, Graduate Student Council

Noam A. Chomsky
*Institute Professor
Linguistics and Philosophy*

Herman Feshbach
Institute Professor Emeritus

Philip and Phylis Morrison
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Margaret Burnham
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Former Massachusetts Judge*

Marcello Pavan
*Post-Doctoral Research Associate
Laboratory for Nuclear Science*

Peter S. Donaldson
*Professor and Section Head
Department of Literature*

Maria T. Franco
*Assistant to the Director
The MIT Press*

More information on Lori Berenson can be found at the following web site:

<http://www.geocities.com/capitolhill/9968/>

Or write to:

MARBB@CUNYVM.CUNY.EDU

Advertisement paid for by Mark and Rhoda Berenson

Important student activity announcement:

Large Event Funding

The Graduate Student Council, Undergraduate Association, and Association of Student Activities proudly announce the availability of funds for large events for the 1998-99 school year. This funding, made possible by a \$200,000 allocation from the Provost's Office, will allow \$50,000 to be devoted solely to large community-wide events over the next year.

We now ask student groups to develop and submit proposals for funding. We plan to allocate approximately \$10,000 - \$20,000 of the \$50,000 in late June to one or more large events with campus-wide appeal. Applications are currently available on the web; they will be due Monday, June 29th. One person representing each event should be available for a short presentation and to answer questions on Tuesday, June 30th, between 6:00 and 7:30pm.

Applications & more info:

<http://web.mit.edu/gsc/www/money/>

Deadline:

Monday, June 29th at noon in the UA office (W20-401)

Questions:

asa-exec@mit.edu



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Association of Student Activities

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Working Group Releases Report on Binge Drinking

By Douglas E. Heimbarger
NEWS EDITOR

The Working Group on Binge Drinking recently called upon the Institute to revise its sanction policies when medical transports are involved and to improve social opportunities on campus.

In presenting its reports at a press conference on May 13, Professor of Biology and Department Head Phillip A. Sharp said that the group was concerned about potential consequences associated with contacting the current ambulance service, run by the Campus Police.

"It should be a universal rule among MIT students ... that they immediately call for help at the first sign of any alcohol-related trouble, Sharp said.

Providing a service that is separated "as completely as possible" from any MIT sanction or penalty for alcohol use would encourage the prompt use of life-saving help, said Chief of Pediatrics and Student Health Services Mark A. Goldstein, who chaired the group with Sharp.

"The Campus Police if at all possible would grant immunity" in order to encourage transport, Sharp said.

The current sanctions system, established earlier this year, calls for students to receive increasing penal-

ties for the underage consumption of alcohol or for serving alcohol to a minor.

The recommendation is "very close to the discussion" currently occurring within the administration, said Dean of Students and Undergraduate Education Rosalind H. Williams. The administration is working on ways to improve the medical transport service on campus.

"The Campus Police will be, and remain an effective transport service," Sharp said, provided that students don't hesitate in calling for service.

New social plans recommended

The working group also recommended the establishment of additional function space in the Student Center with the goal of enhancing student social life.

"During the past few years, a significant fraction of the social life of MIT has involved parties with alcohol," the report commented. "These social events have recently become much less common, and new social events have not developed in their absence."

A "recreation room-type space with juke-boxes, a grill, a dance floor and booths for causal meetings," could help to improve student social life, according to the report.

In addition, the development of a "large and expensive bureaucracy" has led to the disappearance of large social events at the Student Center.

Until a few years ago, several libraries were open 24 hours a day, Goldstein said. Expanding library and athletic facility hours could help to restore social life, he said.

"In essence, MIT needs a social chairperson and the resources to support one," the report concluded.

The recent announcement of \$200,000 in additional funds for student groups show the administration's commitment to social life on campus, Williams said. "I'm hopeful that there might be more" funding for additional new programs in the future.

Administrative position created

A new administrative position will oversee alcohol policy at the Institute, President Charles M. Vest announced in a statement at the news conference.

The position comes out of recommendations of the working group, which strongly urged the creation of a new position at the senior administrative level to develop programs on dangerous drinking and to establish programs to change the acceptance of dangerous drinking. The administrator will also encourage research on

alcohol use at the Institute and communicate with city, state and federal leaders and parents on alcohol issues.

The new position will "reinforce things in motion," Williams said, and will improve policy because it will be at a level higher than the various groups involved in controlling drinking such as the Medical Center and Williams' office.

The report also urged that all living groups who participate in rush have an "MIT presence," including graduate residence tutors, house-masters, and the nightwatch security force in the dormitories.

In order to improve security at fraternities, sororities, and independent living groups, the report encouraged the extension of night-watch into the residences. "Such

monitoring and the potential of issued sanctions for inappropriate activities would provide boundaries to dangerous drinking in living groups," the report wrote.

The forthcoming extension of graduate residence tutors to the FSILGs and potential inspections of common areas in the residences could also help in controlling drinking.

The report also said that housing all freshmen on campus could help control drinking, but that other factors were involved in a decision to move all freshmen to campus.

Finally, it called for the creation of new alcohol education programs and for the mandatory expansion of the Medlinks program to all residential floors of dormitories and to all FSILGs.

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THE ARTS

MOVIE REVIEW

Godzilla

Jurassic Park III

By Vladimir V. Zelevinsky

STAFF REPORTER

With Matthew Broderick, Jean Reno, Maria Pitillo, Hank Azaria

Written by Ted Elliott, Terry Rossio, Dean Devlin, Roland Emmerich

Directed by Roland Emmerich.

Here's the one-line review: *Godzilla* is *Jurassic Park III*. Director Roland Emmerich (*Independence Day*) is no Steven Spielberg, of course, but on the other hand, the two *Jurassic Park* movies can hardly be considered the pinnacles of Spielberg's career. They were two movies about big lizards running amok, occasionally stepping on and chomping up non-computer-generated characters, also known as actors. Story didn't matter in the least — I dare you to remember the sequence of events of either one of them. Most likely, all you remember are the spectacular moments — T-rex ripping apart the car with two kids inside, velociraptor springing at Laura Dern from behind, Julianne Moore in the over-the-cliff trailer on the pane of breaking glass. That was all that mattered.

Godzilla follows *Jurassic Park* in its giant footsteps, and succeeds quite well if you want to see a big computer-generated beast lay waste to New York City. *Jurassic Park* operated in the "wonder of discovery" mode; *The Lost World* had a few excellent action set pieces. In the case of *Godzilla*, as we all know, all that matters is size.

By far, the best part of the movie is the thrilling opening credits sequence: nuclear weapon tests in French Polynesia, which result in a lizard egg being irradiated. This sequence is utterly spectacular, putting all other nuclear explosions in recent movies to shame. The reason for this, of course, is that what we see is real — *Godzilla's* filmmakers used real-life footage of explosions.

Something hatches out of the egg, grows 400 feet tall, crosses Panama on foot, swims across the Atlantic to New York, and starts stomping around. Said stomping comprises the first half of the movie and, while it's fun at first, the novelty wears off pretty fast. See *Godzilla's* foot. See *Godzilla's* tail. See

Godzilla walk, see *Godzilla* run. See stupid humans try to shoot *Godzilla*, see stupid humans shoot themselves in the foot — figuratively, of course; what they really shoot are several Manhattan skyscrapers.

The effects are generally proficient, but there's not much that you can do with a huge lizard in New York City, and after a while boredom commences. The effects are still kind of cool, but we've seen that several times already, and there is pretty much nothing going on otherwise.

Unless you count humans. As expected, they function mostly as cinematic filler — we're still a long way from Emmerich and Devlin writing recognizable human beings. Anyway, it is still a step in the right direction from *Independence Day*. In that movie, human interactions were often painful to watch, and I groaned aplenty. At least it's not embarrassingly bad in *Godzilla*. The human part of the film lies on the shoulders of Matthew Broderick playing Jeff Goldblum — sorry, I meant to say playing Dr. Niko Tatopoulos, a radiation expert. His part is mostly limited to standing around and staring, eyes and mouth agape, at the place where the special effects are digitally inserted. Broderick can't do much with a severely underwritten part, but his charisma does make his character less than annoying.

This is more than I can say about other characters. Most of them are utterly forgettable — shame on them for wasting Hank Azaria in the thankless role of a sidekick cameraman. However, there is an exception in Jean Reno (*The Professional*, *Mission Impossible*), who was cast as a mysterious Frenchman. Reno gets the best part and runs away with it, with precise timing and wit.

However, just at the time I was about to start furtively glancing at my watch, the plot made a twist,

and the movie became much more fun. It acquired a certain visual verve, the pacing picked up, and the excitement level increased. To quote Dr. Malcolm from *The Lost World*, "running and screaming started." Two excellent set pieces, one with the humans besieged inside Madison Square Garden, and another, the elaborate chase sequence across the city and Brooklyn Bridge, are definitely fun to watch. While the first part of the movie is size-consciously infused with testosterone, the second half makes the adrenaline flow — always a harder task.

Still, for a movie which doesn't even purport to work on any but the hormonal level (and I'm not even going to start discussing numerous plot holes and impossibilities), there are a few things worth thinking about.

First, there's the question of *Godzilla's* origin. In the original 1954 Japanese movie, the lizard's mutation was caused by the American nuclear tests, making the story

work on the subtext level as well, with the monster personifying the nation's fear of the foreign superpower. In this version, the cause is French nuclear testing, and it's really hard to make any kind of subtext out of that. Of course, *Godzilla* is not interested in establishing any kind of subtext, which is a pity.

Second, there is the ubiquitous matter of the movie's advertising slogan, "Size does matter" — Dr. Freud would surely comment on that. *Godzilla* is, in essence, too big. He's hard to see as a whole, as anything other than a collection of body parts, hard to compare with everyday objects, simply *too huge*. The same is true of the movie as well — *Godzilla* is often too big. There are too many crowds running around, too many helicopters flying around shooting at the beast, and too many action set pieces. Some of them, like the underwater one, were totally unnecessary. Size, of course, matters, but bigger isn't always better.



Godzilla plows an ominous path through Midtown Manhattan in *Godzilla*.

MOVIE REVIEW

The Horse Whisperer

Beautiful things happen in Redford's Montana

By Vladimir V. Zelevinsky

STAFF REPORTER

Directed by Robert Redford

Written by Eric Roth and Richard LaGravenesse

Starring Robert Redford, Kristin Scott Thomas, Scarlett Johansson, Sam Neill, and many horses.

No wonder *Titanic* made so much money — during first five months of 1998, there has not been a single really good movie. Finally, one has arrived: Robert Redford's *The Horse Whisperer* is the best film of the year so far, at least in the fictional category — *Everest* is perhaps a touch more fun.

A mother (Scott Thomas) takes her daughter (Scarlett Johansson) and her daughter's horse, both traumatized by an accident, to rural Montana, to be cured by a horse doctor (Redford). That's it, really, but it's a pleasure to watch a movie with a smart screenplay such as this one. It has quite an impressive pedigree, co-written by Eric Roth (screenwriter of *Forrest Gump*) and Richard LaGravenesse (*The Bridges of Madison County*), and it shows in the uncommon degree of intelligence and perception.

Redford's direction is textbook, using the most effective use of filmmaking techniques, with each shot precisely placed and having a distinct purpose. The opening sequence of a horse running down a snowy slope is visually stunning, and the rest of the movie excels in storytelling, both through sharp dialogue and visual means. The film is carefully paced, and doesn't feel long at 2 hours and 40 minutes. Many plot strands — human relationships with horses, a culture clash story, a romance, a travelogue, and more than a few elements of a modern western — are intertwined seamlessly.

Technically, the film is impeccable: it is

spectacularly shot with gorgeous cinematography, including breathtaking shots of the Montana wilderness. Both sets and costumes look absolutely authentic. The score is excellent as well, fusing together modern tones and country music. Redford's handling of the logistics of filming complex action with that many horses (the main horse alone is played by six separate ones) is also extremely impressive.

Redford the actor doesn't fare quite as well, perhaps because it is the first time he has to work with Redford the director. He seems unable to make up his mind whether he wants to play a romantic lead, with emphasis on small telling details — glances, touches, semi-smiles with the corner of the mouth — or a mythical figure, straight out of John Wayne's repertoire. Each of these halves would be fine by itself, but they don't co-exist that well.

Combining these disparate halves would have been impossible if not for Kristin Scott Thomas. Hers is an utterly amazing performance, which works both as an archetype of an overworked, career-targeting city dweller, and as a very specific, and very human, woman. As a matter of fact, after seeing Scott Thomas in *Four Weddings and a Funeral*, *The English Patient*, and here, I suspect there are no limits to her acting range. An aside: in the early scenes, when she's a high-strung New York magazine editor, I imagined her, with deep-set eyes, clenched teeth, and square jaw, in some sort of a sci-fi action film, battling aliens alongside Sigourney Weaver.

While not great, *The Horse Whisperer* is the first good movie of 1998. In the middle of the film there is a sequence of Redford and Scott Thomas riding together across the Montana pastures. It is the most cinematically electrifying sequence I've seen since, I'd say, *Titanic*.

THEATER REVIEW

Imaginary Invalid

Fart instead of art

By Bence Olveczky

STAFF REPORTER

The Imaginary Invalid

American Repertory Theatre's Loeb Drama Center

64 Brattle Street, Cambridge

547-8300, Tickets \$22-\$52

Through June 7

Elvis and Frank Sinatra impersonators, Marilyn Monroe look-alike nurses, punk rockers, and rastafaris are accompanied by a copious amount of farting, pooping, and peeing in American Repertory Theatre's forced reinterpretation of Moliere's comedy *The Imaginary Invalid*.

Written by a dying Moliere in 1673, the play targets the medical profession and its cynical and hypocritical practitioners. The incurable hypochondriac Argan (Will LeBow) is determined to marry off his daughter Angelique (Caroline Hall) to a medical student (Remo Airaldi) to ensure lifelong treatment of all his imagined ailments. But Angelique is appalled by her husband-to-be and his rather peculiar father, Dr. Diafoirus (Thomas Derrah), and joins forces with the maid Toinette (Francine Torres) in persuading Argan to let her marry Cleante (Benjamin Evett), her true love. The two women are finally successful after convincing the hypochondriac father that he can himself become a doctor. Schooling is superfluous, they tell him, since the medical profession is all about bluffing: "Anything you say, they'll believe you."

Director Andrei Belgrader and translator Shelley Berc chose to adapt Moliere's comedy for our times. The result is a rather vulgarized version of the *The Imaginary Invalid*, where the jokes are on Viagra, HMOs, and alternative medicine. The fundamental problem is that Moliere's criticism of the medical profession is very much outdated. Unlike the 17th century, when medical treatment was itself a health-haz-

ard, today's doctors do a remarkable job in keeping us healthy, making the play's sharp criticism of their practice seem unjustified.

But Moliere's comedy is not only about and against doctors. It is also a loving portrayal of a man who, like his literary predecessor Don Quixote, invents his own reality and is happy as long as his illusory world is upheld.

Romanian born director Andrei Belgrader's idea was to stage the play as if it were a circus show, with clown-like characters inhabiting the circular blue stage. Wearing colorful dresses and oversized clown shoes, the actors stumble across the stage like confounded caricatures caught in a classic play. This clownery manages to bulldoze over all the subtlety and lyricism found in Moliere's original text, leaving us with a cheesy show where cheap jokes provide the light entertainment.

Deconstructing and reassembling classics is not a sin. If done well it can be a remarkable achievement, as Andrei Serban, another of ART's Romanian imports, showed us earlier this year. His reinterpretation of Shakespeare's *Taming of the Shrew*, while questionable in relation to Shakespeare's original intentions, was a hilarious homage to theater and play-acting. Serban showed that even out-dated plays can make for fresh and invigorating theater if helped by an imaginative director and a strong cast.

Not that there is anything wrong with the cast in *The Imaginary Invalid*. The actors, all highly professional, are doing their utmost to keep the laughs coming. One of their painstaking efforts is to engage a few innocent members of the audience on stage. The contributions of the perplexed theater-goers adds to the circus-like feel and becomes somewhat of a highlight as it distracts our attention from an already incoherent production. For all its flaws this two hour long production has a lot of clever theatrical effects, but when used to interpret Moliere's classic comedy, these tricks seem misplaced and come across as surprisingly invalid.

MOVIE REVIEW

A Perfect Murder

A merciful slaying makes this movie end faster

By Vladimir V. Zelevinsky

STAFF REPORTER

With Michael Douglas, Gwyneth Paltrow, Viggo Mortensen

Screenplay by Patrick Smith Kelly

Based on the play *Dial M For Murder* by

Frederick Knott

Directed by Andrew Davis.

A Perfect Murder is the worst kind of bad movie there is — for reviewing, at least. It does not feature horrible dialogue, impossible situations, or lazy plotting. It is simply lackluster — sluggish, boring, and lazy, with nothing to be excited about, nothing to write about, and nothing to recommend. Admittedly, watching it was never painful, which alone saves it

from being the worst I've seen this year so far, but this is faint praise indeed.

The story, adapted from a play *Dial M for Murder*, done once before by none other than Alfred Hitchcock, revolves around three miserable people in New York City — financial tycoon Steven Taylor (Michael Douglas), his wife Emily (Gwyneth Paltrow), and her lover, a struggling painter David Shaw (Viggo Mortensen). For roughly two hours, these three engage into half-hearted attempts to cheat, bribe, blackmail, double cross, and kill each other.

What emerges defies categorization. It's not a suspense film, since it very much lacks suspense — only a couple of short sequences have any semblance of tension. It's not a mystery, since every single plot twist is telegraphed way in advance, and the ending is

painfully obvious from the very beginning. It's not an action/thriller, since there's not much going on — a detailed summary would take a couple of paragraphs, tops — and since most of the events lack explanations, both physical (*how* could this happen?) and psychological (*why* would this happen?). It's not a drama, because caring for any of these three protagonists is virtually impossible: Steven is rich and cruel, David is poor and dishonest, and Emily is a non-character to such an extent that she almost disappears from the screen. It is simply a boring film.

The acting doesn't help much. Michael Douglas can act heartless rich men in his sleep by now, having gone from *Wall Street* to last year's *The Game*. He's quite effective here, but there is a total lack of originality in his

performance. His two co-stars fare much worse. Mortensen comes off as a simple thug, and Paltrow wears only two facial expressions — confusion and terror — through the whole movie.

In any case, any momentum that might have been in the story is sapped away by Andrew Davis' sluggish direction — and he was nominated for an Oscar for *The Fugitive*! In vain attempts to create some dark mood or sinister atmosphere, Davis uses long shots of scenery: streets, empty rooms, sidewalks, etc., and this results in a plot which lumbers along with painful lack of speed.

At least the scenery is realized well, with solid art direction that makes good use of David's paintings. The musical score is another noteworthy aspect of this film, if only because it attempts to infuse some excitement.

That's really as much as I can muster to write about *A Perfect Murder*. All in all, this movie is nothing but two hours I spent in the dark while whatever was happening on screen was left far behind by the speedy movement of my watch's minute hand.

MOVIE REVIEW

Quest for Camelot

Warner Brothers doesn't remember much from the days of Looney Tunes

By Vladimir V. Zelevinsky

STAFF REPORTER

With the voices of Jessalyn Gilsig, Cary Elwes, Gary Oldman, Eric Idle, Don Rickles, Pierce Brosnan

Written by Kirk De Micco, William Schifrin, Jacqueline Feather, and David Seidler, based on the novel *The King's Damosel* by Vera Chapman

Music by Patrick Doyle

Songs by David Foster and Carole Bayer Sager

Directed by Frederik Du Chau

With Disney consistently making profits on their animated features, other studios have tried entering the field. 20th Century Fox made an impressive debut last fall with *Anastasia*, and now we have first major release from Warner Brothers, *Quest for Camelot* — and

it's a disaster, a nearly unwatchable movie which fails in every single respect.

Rumored to be a run-away production, with the original director and lead animators all quitting during the production, and with the budget swelling to unprecedented levels making this the most expensive animated film ever, this is an appallingly awful movie. While there are several worthwhile, albeit totally undeveloped, elements in the story, all are lost in a totally insipid and formulaic screenplay.

Said story features Kayley, a young punky girl of the Arthurian era, who wants to become a knight. Some trouble brews in Camelot — an evil knight Ruber (how could this maniac even become a knight in the first place?) tries to overthrow King Arthur, and steals Arthur's magic sword Excalibur. The sword is conveniently lost in the horrific Forbidden Forest (you know, living plants,

dragons, magic, etc.), and Kayley ventures inside, searching for the sword. Ruber, along with his stupid minions (including half-chicken, half-battleaxe — don't ask) plods along. On her trip, Kayley acquires a ragtag group of helpmates, including Garret, a blind and bland love interest, a two-headed dragon, and a falcon, who is the only character with the good taste to refrain from speaking.

Other characters do speak, and do so in a very lackluster fashion. Gary Oldman mumbles, voicing evil Ruber (oh, creative casting!), in his second stinker of the season, after *Lost In Space*; other famous voices (Pierce Brosnan as King Arthur, Sir John Gielgud as Merlin, Cary Elwes as Garret) sound terminally bored. Singing is utterly unremarkable as well, although it's hard to imagine anyone being enthusiastic singing such insipid songs — whose bright idea was it to score a chase sequence to a tender bal-

lad, anyway?

The journey itself is quite a decent idea for the story, and the fact that one character is blind makes it even more interesting. However, all of these are missed opportunities. The animation is horrible — very much detail-less and poorly realized. Computer-generated effects stand out as eyesores, with the background and characters not aligned correctly and with characters' faces absolutely motionless. The dialogue is full of clunker lines, and the usual formula of animated features is followed to a tee (hero, her love interest, villain, comic relief, bad guy's sidekick, songs, etc.) without a single idea as to how to make all of these elements work.

A brief list of things that do work: the musical score — as opposed to the songs — by Patrick Doyle, of *Much Ado about Nothing* fame; a (very) few moments of visual wit, such as the neat opening shot and the design of Ruber's minions; and — no, that's it. At least, at an anemic 80 minutes, *Quest for Camelot* doesn't have time to turn painfully boring. Undoubtedly the worst movie of the year so far. Let's hope that it stays that way — but who am I kidding.

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CONCERT REVIEW

*Moxy Frivous**Everyone needs a flashlight to play at MIT*By Yaron Koren
STAFF REPORTER

After an amazing concert last year, expectations were deservedly high for the Moxy Frivous show on May 15 in La Sala de Puerto Rico, sponsored by LSC. The Ontario-based band didn't disappoint with a stellar sold-out show that combined humor and extraordinary musicality and left the audience in high spirits, hoping the event would become an annual tradition.

Once again, the show was opened by Honest Bob and the Factory-to-Dealer Incentives, who provided a good dose of their quirky, They Might Be Giants-style rock, including a fun chemistry-metaphor number and a poppy Nine Inch Nails cover, to the appreciative audience. This intrepid reporter got made fun of by the band during the show for skewering their name in an article written before the concert. Well, here's my apologetic follow-up statement: their name is Honest Bob and the Factory-to-Dealer Incentives, and they are a force of nerd-dom to be reckoned with. Go buy their album, if you like good music, or if you did well on your math SAT. Hope this helps.

After the hour-long opening act, the stage darkened and a purple light filled the room, along with a synthesizer drone. Moxy Frivous came out and three members of the foursome started playing on drums in what eventually became an awesome trance-like, super-extended version of "Sahara."

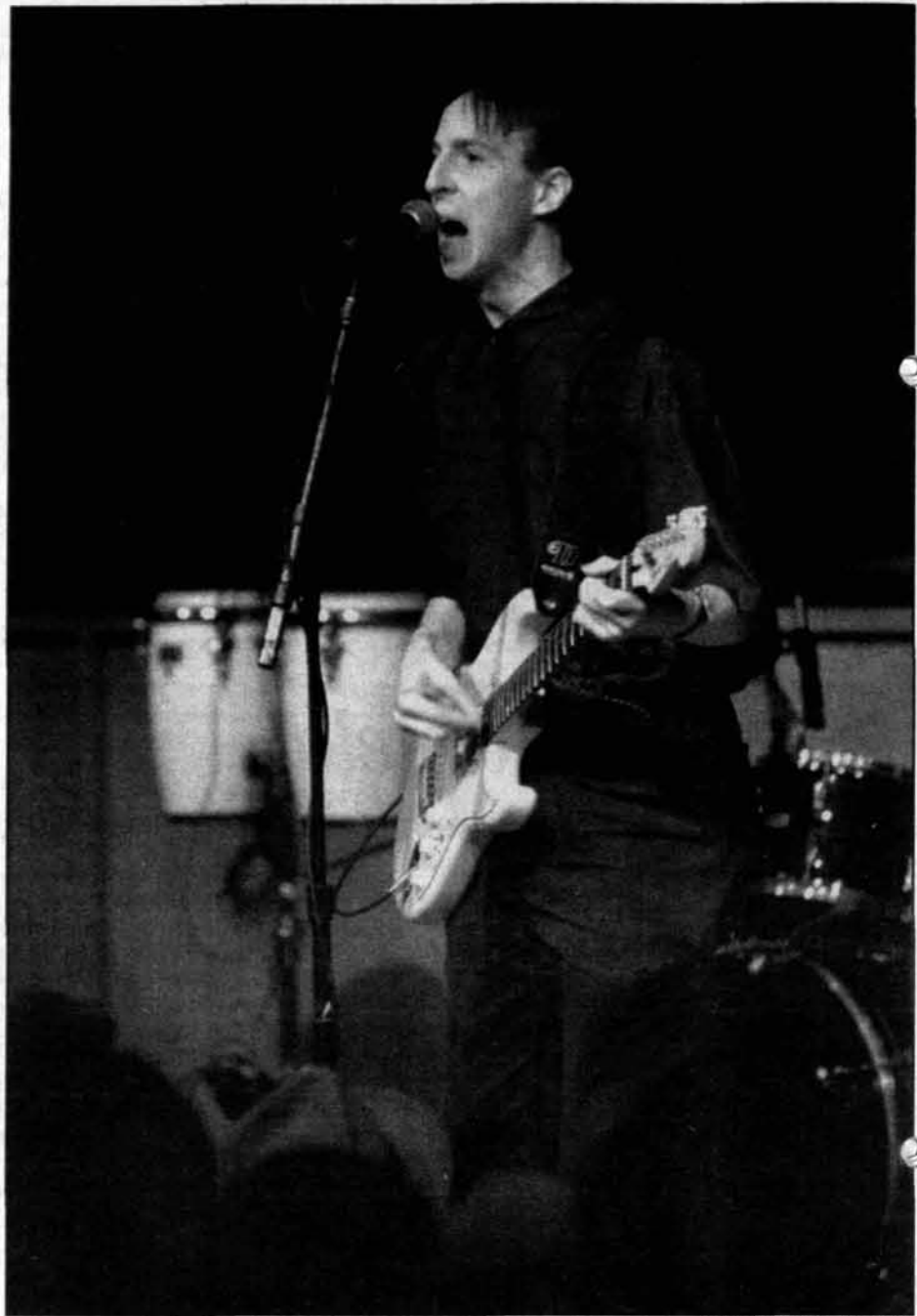
The band played an inspired two-hour set, with songs from all their albums, as well as concert favorites like the rap version of "Green Eggs and Ham." They ranged from a

rocking "King of Spain" to a soulful, a capella version of "I've Gotta Get a Message to You," to a heartfelt final encore of "The Drinking Song," in which they invited the swaying audience to sing along.

The show also occasioned the playing of three new songs, two of which, "Half As Much" and "I'll Hold You," were being premiered. All three songs were well-crafted but disappointingly sounded much like the lame, alt-rock music that Moxy Frivous used to stand apart from. Insuper, touchy-feely lyrics such as those of "Sad Girl" ("taking her cue from every ad, girl") certainly helped to give the impression that the songs are part of a deliberate attempt by the band to score a mainstream radio hit. It'll be interesting to see if the ploy works, but in any case let's hope it doesn't represent a permanent trend for the band.

As is always the case with their concerts, much of the fun was not in hearing the usual songs, but in the between-song banter and musical spontaneity which have made Moxy Frivous a live act with very few peers. This show was no exception, and all in all the band played through about five complete improvised songs, some of which could have been comfortably at home on a lesser band's actual playlist. One highlight: after lead singer Jian Ghomeshi lost a ring on stage, someone from the audience offered up a flashlight to help him search. This led to an amazing impromptu performance of "Everyone Has a Flashlight at MIT," during which everyone who had a flashlight, an impressively large number of people even by MIT standards, started waving their flashlights around like lighters.

The ring was eventually recovered.



Honest Bob and the Factory to Dealer Incentives open for Moxy Frivous at LSC's May 15 concert in La Sala de Puerto Rico.

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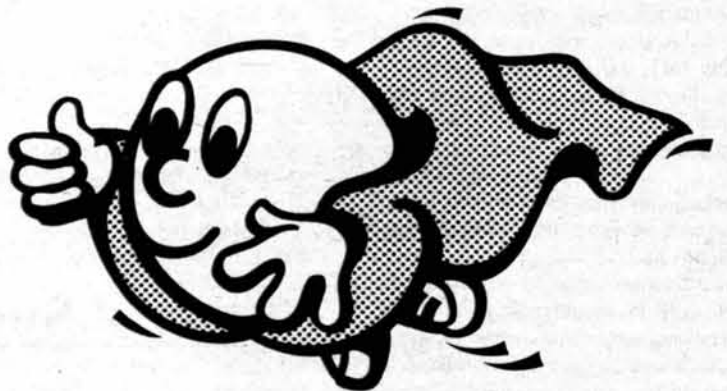
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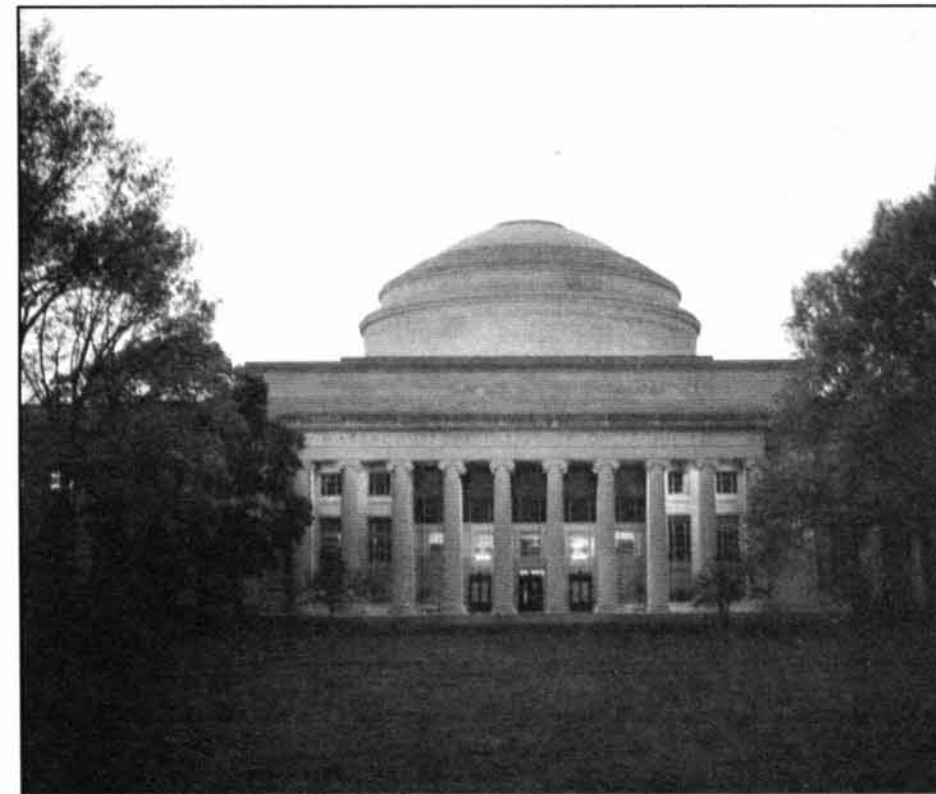
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BOOK REVIEW

Sometimes more like a photo album, Technique captures a part of MIT life

By Saul Blumenthal and David D. Hsu

STAFF REPORTERS

Technique 1998

Bob P. Lee '98, Editor in Chief

Jeremy J. Sawicki '98, Managing Editor

Yi Chuang E. Huang '99, Photography Editor

Berta L. Liao '00, Design Editor

416 pp.

Technique sells itself as "a photographic essay which attempts to capture a year of life at MIT." As in previous years, this year's *Technique* excels in photographic quality, in particular, the introductory color photographs. While certain aspects of MIT life are covered well, we would like to see a yearbook that better represents the complete MIT experience.

The cover of *Technique* features a color photo of the Lobby 7 windows. The eight-piece metalwork on the windows is effectively used as a running theme to indicate the various sections of the yearbook. Several sections begin with a creative two-page collage, capturing the essence of the section topic. For example, the spread for "Life in Hell" presents the necessary ingredients for MIT survival, including textbooks, course guides, bottles of Jolt and Mountain Dew, and the *How To GAMIT* guide.

The ode to MIT by Lin-Ann Ching '98 on pages 48 and 49 similarly encapsulates the MIT experience, as do the student responses to questions posed on pillar posters on pages 60 and 61.

The photographs taken as a whole, however, are not as successful in providing a slice of MIT life. Ironically, the "Life in Hell" section begins with four pictures focusing on inanimate objects. As in previous years, there are too many pictures of buildings and other scenes, rather than the students who bring the campus to life. Too many of the photographs, like those of the Boston skyline, Kresge Auditorium, and Killian Court, could have been taken in 1988 just as easily as in 1998. Building 20, the only building we know will not be here 10 years from now, is nowhere to be found.

Too many of the photographs, like those of the Boston skyline, Kresge Auditorium, and Killian Court, could have been taken in 1988 just as easily as in 1998.

Even though we have seen similar photographs in past yearbooks, *Technique* maintains its high standards in photo quality. The color is put to good use, as in the picture of the sun aligning with the Infinite Corridor on page 46.

We wonder how some of the photographs have any connection to the MIT experience. When looked at 20 years from now, the photos of a girl with a flower and a woman on the beach on pages 14 and 15, while artistic, will bring back no memories of MIT. Similarly, the color photograph of a man on a mountain on page 28 looks like it belongs in someone's photo album rather than the MIT yearbook.

To its credit, *Technique* does have photographs that portray student life. The pictures in "Clubs" show candid shots of students participating in activities, often giving us an insider's view of the group. The trade-off is that a candid shot will not include all the activity's members, as a group shot would. Many of the living group photos convey the personality of the group's residents while also showing a majority of the residents.

In a solemn reminder of the loss suffered over the past school year, *Technique* includes a tribute to three undergraduates who died, Michele S. Micheletti '00, Umer A. Basha '01, and Scott S. Krueger '01. Close friends of the students provide poignant remembrances.

One of the more humorous parts of the yearbook is President Charles M. Vest's letter to the Class of 1998. In his first sentence, he says, "There is a high probability that some subset of the Class of 1998 will change the world." Any Course XVIII major will tell you that the empty set is a subset of the Class of 1998. We hope this was not Vest's intention.

Technique's challenge is to capture the vast range of the MIT experience in a finite number of photographs. This is a daunting task, and it is inevitable that some subjects and events will be more represented than others. With this in mind, the final product is a satisfactory portrayal of some parts of MIT life.

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The 1998 Senior Survey

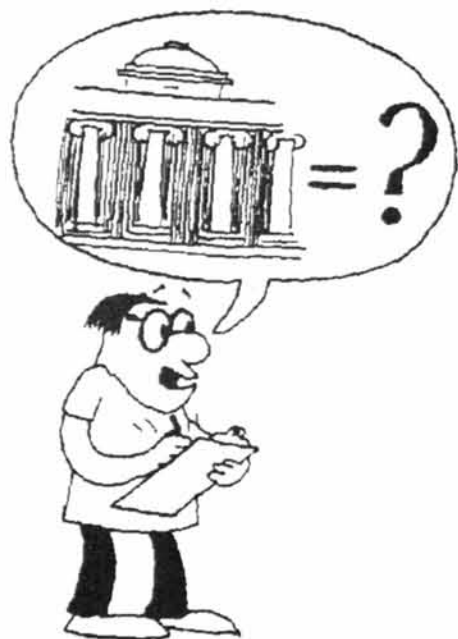
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CATBERT: H.R. DIRECTOR
WHEN YOU DUMPED MORE WORK ON WALLY, DID HE MOAN? OR DID HE SCREAM?

IT SOUNDED LIKE THIS ... AA00-MUW AAHH-OW-OW!!

THE STAFFING LEVELS SOUND ABOUT RIGHT.

SO, ALLEN, WHAT'S IT LIKE TO BE A HIDEOUS SYCOPHANT?

IT'S OKAY.

WHAT'S IT LIKE TO HAVE NO HOPE OF CAREER ADVANCEMENT?

NOT BAD.

WERE YOU BORN THAT WAY OR IS IT A LIFESTYLE CHOICE?

I'LL ASK MOM, BUT I THINK IT WAS BAD PARENTING.

THE COMPANY IS GIVING FREE FLU SHOTS, WALLY.

THE SHOTS WILL BE DELIVERED BY WEALTHY STOCKHOLDERS WHO WILL HUNT YOU DOWN AND SHOOT YOU WITH FLU DARTS.

AT LEAST I WON'T GET THE FLU, RIGHT?

YOU'RE PROBABLY THINKING OF THE FLU PREVENTION SHOTS.

THAT'S MY PLAN. WHAT DOES EVERYONE THINK?

BRILLIANT!

THAT IS THE BEST PLAN EVER MADE!! WOW! OOH-WAH! YOU DA MAN!!

THAT'S THE TYPE OF HONEST FEEDBACK WE NEED.

I LOVE IT WHEN YOU EXHALE IN MY DIRECTION.

NO ONE LIKES BEING HUNTED DOWN AND SHOT WITH FLU DARTS, WALLY.

BUT REMEMBER: COMPANIES ARE MANAGED FOR THE BENEFIT OF STOCKHOLDERS, NOT EMPLOYEES.

I OWN STOCK. IT'S IN MY 401(K) ACCOUNT.

I'M NOT SUPPOSED TO TELL YOU, BUT NONE OF THAT IS REAL.

CATBERT: EVIL H.R. DIRECTOR

MY EYES ARE SORE FROM USING THE COMPUTER.

TRY TYPING WITH YOUR FINGERS, THE WAY EVERYONE ELSE DOES.

PERSONALLY, I FIND COMPUTERS VERY RESTFUL ON MY EYES.

I HAD TO MAKE SOME OPTIMISTIC ASSUMPTIONS TO MEET THE REVENUE TARGET.

IN WEEK THREE, WE'RE VISITED BY AN ALIEN NAMED D'UTOX INAG WHO OFFERS TO SHARE HIS ADVANCED TECHNOLOGY.

THEN DO WE USE HIS TECHNOLOGY TO DESIGN OUR NEW PRODUCT?

NO, WE KILL HIM AND SELL THE AUTOPSY VIDEO.

I WILL NOW TEST MY THEORY THAT PEOPLE LIKE TO BE TOLD WHAT TO DO.

QUIT YOUR JOB AND BUILD ME A PYRAMID, YOU HOMELY DOLT!!!

I LIKED IT UNTIL THE DOLT PART.

I'VE NOTICED THAT HONESTY DOESN'T MIX WELL WITH ANYTHING.

I'M CREATING A COMIC STRIP CALLED "PIPPY THE ZIPHEAD."

I'M CRAMMING AS MUCH ARTWORK IN THERE AS POSSIBLE, SO NO ONE WILL NOTICE THERE'S ONLY ONE JOKE.

THE JOKE IS ON THE READER, ISN'T IT?

I'D BETTER CRAM SOME MORE ART IN THERE.

WHAT'S THE CROWN FOR?

THERE AREN'T ANY CHARISMATIC LEADERS IN THE WORLD LATELY. I'M GOING TO FILL THE VOID.

DON'T CHARISMATIC LEADERS USUALLY TURN OUT TO BE EGOMANIACAL, PHILANDERING SOCIOPATHS?

AND THEY LOOK GOOD IN HATS!

YOUR COMIC STRIP SEEMS TO BE NOTHING BUT A CLOWN WITH A SMALL HEAD WHO SAYS RANDOM THINGS.

THAT'S PIPPY.

I'M MAINTAINING MY ARTISTIC INTEGRITY BY CREATING A COMIC THAT NO ONE WILL ENJOY.

THE IMPORTANT THING IS THAT YOU ENJOY IT.

THE FIRST TWO WERE OKAY, BUT NOW I'M JUST BITTER.

WHY ARE THERE NO CHARISMATIC LEADERS ANYMORE?

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I'LL NEED A DIVERSION.

I DON'T CARE IF IT'S A GREAT NEWS STORY; I WILL NOT TAKE FERTILITY DRUGS!

THEY'RE IN YOUR COFFEE.

DILBERT, THIS IS ALLEN, MY NEW SYCOPHANT.

HIS HEAD NODS WHENEVER I TALK. BUT THAT'S NOT THE BEST PART ...

VERY IMPRESSIVE.

IS THAT GREAT OR WHAT?

MY DOG PUT FERTILITY DRUGS IN MY COFFEE.

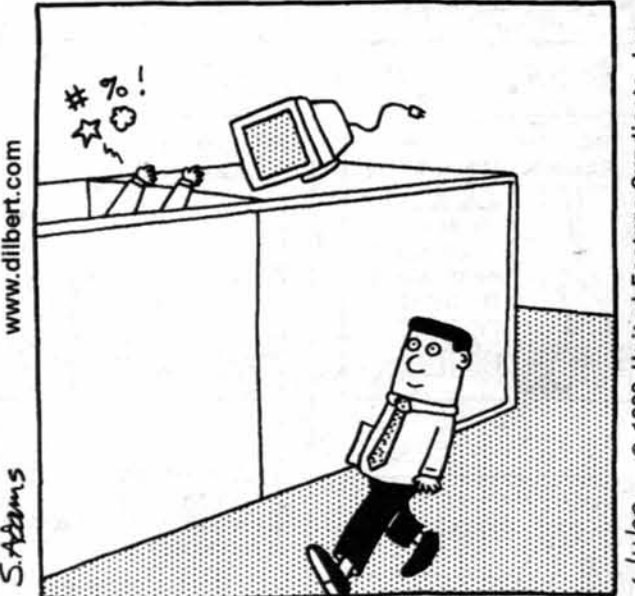
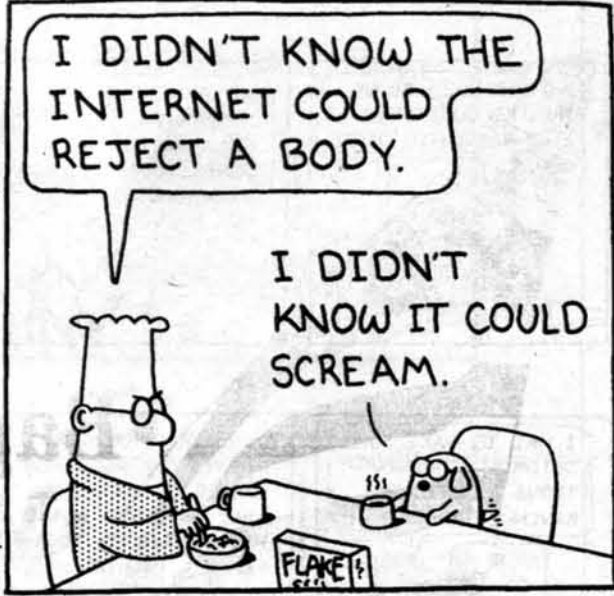
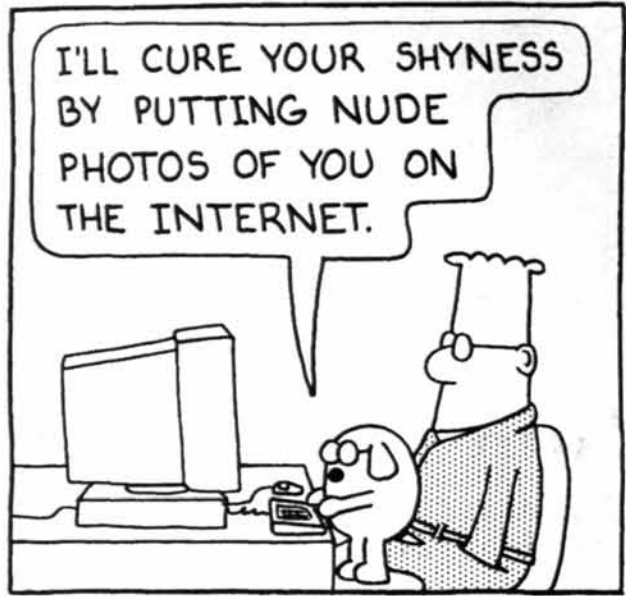
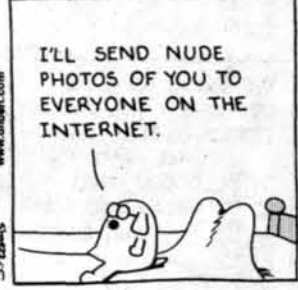
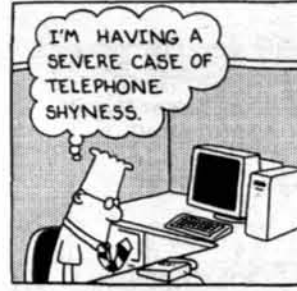
AT FIRST I WAS MAD. THEN THE TABLOIDS OFFERED ME A MILLION DOLLARS FOR MY STORY.

HAVE YOU SEEN A DOCTOR?

MY AGENT ADVISES AGAINST THAT.

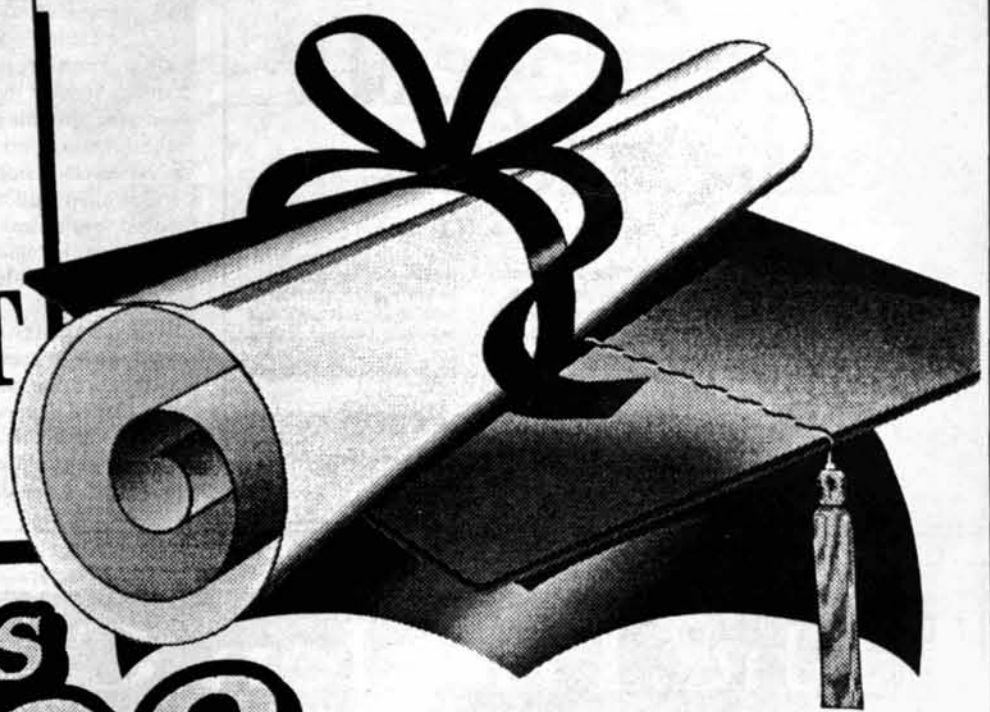
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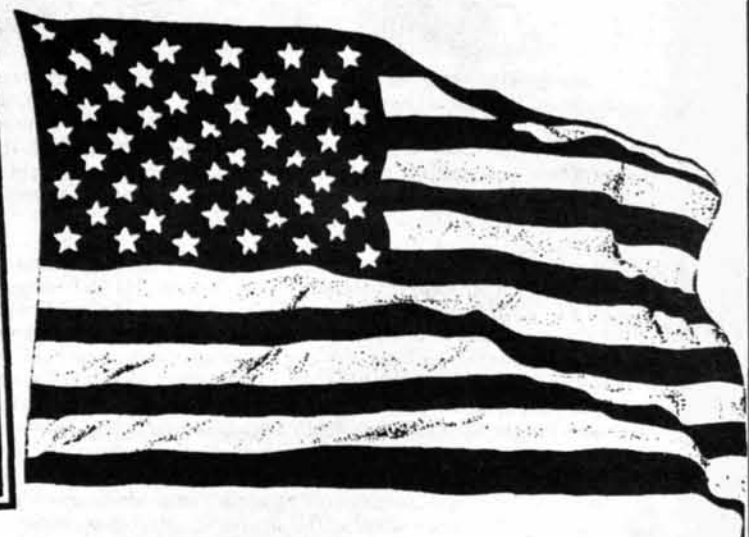


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Bulthaup Survives Ballcano's Wrath, Takes Victory in 2.007

By Frank Dabek
NEWS EDITOR

Colin A. Bulthaup '99 emerged victorious in the annual Design and Manufacturing I (2.007) Mechanical Engineering Design Contest held on May 13.

The contest challenges students to use a limited set of materials to design a machine to accomplish a specific task. This year's contest was named "Ballcano," a sort of ball volcano which showered balls onto the contest board. The contest called upon students to design radio-controlled machines to score points by dropping balls from the ballcano into either of two holes on the contestant's side of the board.

Bulthaup said that winning the contest was a dream of his from a young age. He called the class "the most unbelievable course I have ever taken."

Of his design, Bulthaup said simply that "it ended up working." He thanked Sawyer B. Fuller '99, who placed second in last year's contest, for his help in driving the winning entry. "He was absolutely amazing... I couldn't have done it

without him," Bulthaup said.

Fuller, however, said, "I had a pretty simple role in this."

David Abrameto '00, who finished second in the contest, attributed his loss to the drone, a tethered vehicle attached to Bulthaup's machine and designed to disrupt opponents. The drone, he said, was crucial in the final round. "That drone was going to stop me," Abrameto said. As a result Abrameto "drove out a little to quickly" causing a crucial part of his machine to fail to deploy properly.

Alexander H. Slocum '82, professor of Mechanical Engineering and 2.007 course instructor called this year's contest "the best ever" and praised the contest, saying "If I was a space alien I wouldn't wipe out the Earth because of this."

Ballcano an active board design

"Ballcano" was designed by Ebbard Bamberg G, the head teaching assistant for 2.007. At the center of the contest board was the ballcano, which delivered five balls to the board each second. To score

points, machines dropped, pushed or otherwise directed the balls into one of two holes. The lower hole earned a machine one point and a raised hole earned two points.

Machines, which were constructed from a limited set of parts provided by the course and which were required to meet size constraints, began the contest in marked regions on either side of the ballcano. Each contest round lasted 40 seconds.

Bamberg said that he designed the board to be "active" and to provide a "new challenge." Slocum said that the board provided for an "absolutely ideal contest."

Bamberg said that he didn't like the way machines interacted in last year's contest where machines often collided in an attempt to enter each other's territory on the board and designed this year's board accordingly.

Bamberg was confident enough in the reliability of the board to wager with a colleague one dinner if the contest was interrupted for more than three minutes because of technical problems with the boards. He won the bet.

This year's design inspired a number of strategies. Dump trucks which collected balls in hoppers and deposited them in one of the holes were popular. Deflectors, of which both entries in the final round were variants, directed balls from the base of the ballcano to the holes by means of tracks or tubes.

One strategy, which Bamberg said he did not anticipate was the shooter, which collected balls and launched them at the holes by spinning wheels. After strong performances by shooters in the opening match, Bamberg said, "They proved me wrong... now I love them."

Contest mixes fanfare, education

Slocum told the crowd that 2.007 is "where Physics meets the road." Even though the contest does not count towards the grade for the course, Slocum said that it is a valuable part of the learning experience.

Woodie C. Flowers PhD '73 captured the value of the contest as an educational tool - "Engineering is not about homework sets. Engineering is about making things happen," Flowers said.

The contest was dominated by Slocum's tireless enthusiasm, however. Slocum announced scores, introduced contestants to the audience, and explained machines. Not content with counting down in English to start matches, Slocum encouraged audience members to count in ways ranging from Chinese to a Southern accent.

An appearance by the Chorallaries who performed "The Engineers Drinking Song" and a former 2.007 student who performed his 2.007 rap added fanfare surrounding the contest.

After the contest, Slocum announced that several of the highest scoring contestants will be competing in the international 2.70 design contest in Brazil.

Students enjoy course

The reaction of students taking the course was uniformly positive.

Erik Liu '00, said that the course has "been a lot of hard work and I'm just going to be disappointed because I won't get to play with my machine anymore."

Ramy Abu-Khalil '00, said "after taking a bunch of course I classes, 2.007 has reaffirmed my faith in course II because mechanical engineering is a very hands-on application field. This has been a good experience and real application of mechanical engineering."

Liu described the course in a manner of which one thinks Slocum would approve - "The reason people are drawn to this is because it's people playing with great toys."

Christina M. Chow contributed to the reporting of this story.

The Hidden Curriculum

published online for the first time at <http://www.themltgroup.com/hiddcurr/index.html>

A Book About MIT You Must Read

Professor Emeritus of Psychiatry Benson Snyder, consulting psychiatrist to Wellesley College from 1954-59, chief of psychiatry at MIT from 1959-69, Dean for Institute Relations from 1969-73, and Director of the Division for Study and Research in Education from 1975-85, "isolates a major cause of campus conflict: the overwhelming, nonproductive mass of unstated academic and social norms" in his 1970 book, *The Hidden Curriculum*, available in its entirety online:

How does it happen that students, often the most able, turn off from their education? Why do honest, imaginative efforts to enrich, to open up, to alter the curriculum fail to engage so many students?

Most students discover within the first month of college that... to finish all the tasks of the formal curriculum would require far more time than is available. In a typical coping pattern the student finds he must neglect, selectively, certain aspects of the formal curriculum. He must learn what he can avoid doing, knowing where the risks are minimal and the cost is modest. The message is unstated, but it is as clear to the student as an item of information in the college catalogue.

Man's survival rests in part on greater competence, not less. But we must be clear about those linkages, processes, and interactions between students and their surroundings which free or, alternatively, severely limit their adaptive potential while they are learning a skill or discipline.

The hidden curriculum is the covert frame of reference by which students organize and simplify the complexity and ambiguity that is today's university.

Increasing our students' abilities to respond effectively to unexpected cues should be a central concern of higher education. At a minimum, this means that students must become aware of their own frames of reference, of their own perceptual bias. This is a theme that underlies this book. That is its professional—perhaps its narrowest—focus. The hidden curriculum is the covert frame of reference by which students organize and simplify the complexity and ambiguity that is today's university.

A third-year undergraduate student... came in to me for his research interview a week after John F. Kennedy's assassination. He had been discussing a laboratory project with one of his professors when a secretary broke in and said that Kennedy had been shot. They talked about it rationally for a few minutes before returning to their previous discussion. Two days later, while watching the funeral on TV, the student saw video-tape replays of people on the streets of New York bursting into tears when they first heard the news of Kennedy's death. He was startled by the contrast of his own and his professor's initial controlled efforts to take in the death with the uncontrolled emotional reactions of the "outside world." He began to cry and left the TV room to hide his tears from his classmates. He asked me in the interview whether the academic world concentrated so much on the brain that it ignored the heart. Did he risk losing his ability to feel, to cry, to feel compassion?

Student responses to the dissonance between the formal curriculum and the hidden curriculum vary from romanticism through cynicism to helplessness. The student who becomes cynical zeroes in on the immediate means of survival and does little serious examination of long-term goals and consequences. He spends his energy on "psyching" the professor. The romantic holds to an idealized view of his education and of his professors, many of whom are also romantics... The student who has begun to feel helpless, unable to decipher successfully the messages confronting him, has the most serious and dangerous response. His self-esteem will drop, and he will have less energy available to think through his dilemma and alter his circumstances.

"M.I.T. is a place which, for one thing, encourages and breeds, tremendously successfully, competence. [But] it is an almost impossible place to go through the full creative cycle... I say the trouble with M.I.T. is you can never work through your depression properly. You know, you do a piece of work with your full commitment and it goes through the full peaking and then the postpartum depression. And now you go around with that depression, with the feeling, 'I will never do anything useful again in my life and that's the end,' and that is when the ideas germinate and then slowly it goes again. At M.I.T. there's a real danger that when you walk down the corridor at that stage, somebody dashes out the door and says, 'Look, we've got a terribly exciting project. We need you, can't you possibly come and spare some time and help us?' And this is a crucial thing for the world, for the country, for science and what not. And at that stage you can't risk that. Now you're going to do a lot of good, but that idea which was going to grow while you were down there at the bottom will never come to fruition." - professor

The deans who prescribe these rules are usually saying to the students: either do that sort of thing off campus, or else don't get caught.

"Now, I don't drive my students hard, I don't drive myself hard. There are people who do, and when I find here that my students spend their time working on somebody else's course because I haven't driven them hard, this is extremely annoying to me. When one fellow has a course which he lists in the catalog as a twelve-hour course and actually it takes twenty, and the students work twenty hours on his course and then neglect mine... this bothers me... and I don't know what to do about it... and I think... this is why we drive our students, because we do compete for [their] time." - professor

Especially, [Robertson] felt encroachment on his religious life, and at the same time began to question seriously many of his religious assumptions. He described the period as very painful. During an interview in his junior year, he looked back to his discouraged sophomore period. "I was sort of shook up... I had never been so exposed before. School was replacing what I thought was most important instead of supplementing it." Education, he remarked, should not be at the expense of his religious faith.

"Now you can only calm a place down, it seems to me, by somehow or other relaxing many of the aspirations, and these would be the aspirations of the institution itself to maintain its position. So when you're Number One, you hate to become Number Two. It's terrible. Just think of me. Can I possibly face up to the fact that during my tenure as academic dean, my school slipped from first place to second place? No, it's ridiculous. And secondly, it's also important to remember that the lead we have isn't anything one can become complacent about, because I know many of my colleagues in other schools look upon M.I.T. as Number One, but they think they're going to jockey us out of that. You can't let your guard down very long." - dean

Institute Honors Students for Contributions to Community

By Brett Altschul

NEWS EDITOR

On May 13, members of the MIT community gathered in room 10-250 to honor those members of the community with outstanding achievements and those who have made significant contributions to Institute life.

The awards, given annually by many groups at the Institute, recognize achievements in service, teaching, athletics, and other areas.

Former Undergraduate Association President Dedric A. Carter '98 presided over the event. He explained the importance of the award recipients to the MIT community. "These people make this community work," he said.

The first awards presented were the **William L. Stewart, Jr. Awards**, which recognize students and student groups for exceptional extracurricular activities during the year.

Awards went to Duane Dreger '99 for his services as an officer and recently as president of the Interfraternity Council, to Andrew Rhomberg G and Sven Heemeyer G for their work with the MIT European Club, to the Class of 2001 Class Council for exceptional energy in the face of a very adverse situation, and to Michele S. Micheletti '00 posthumously, for her social work while here and the effect her death has had on safety in the Institute community.

Also receiving awards were Adriana T. Guzman G, Anita N. Krishnan '98 and Pooja Shukla '99, Luis A. Ortiz G, and William W. Shen '98.

The **Harold J. Pettegrove Award** recognizes outstanding service to intramural athletics. It went to Stephanie Ann Harrington G.

The **Pewter Bowl Award** honors a female senior who has shown leadership in women's athletics. The award went to Susan A. Dey '98.

The **Admiral Edward L. Cochran Award** went to Joseph B. Irineo '98. It honors the male senior who has demonstrated the most leadership in athletics.

The **Betsy Schumacker Award**, for a woman demonstrating excellence in athletic competition, went to Tracey C. Ho '99, the women's national pistol champion.

The **Howard W. Johnson Award** is presented to the male senior athlete of the year. It went to Michael T. Butville '98.

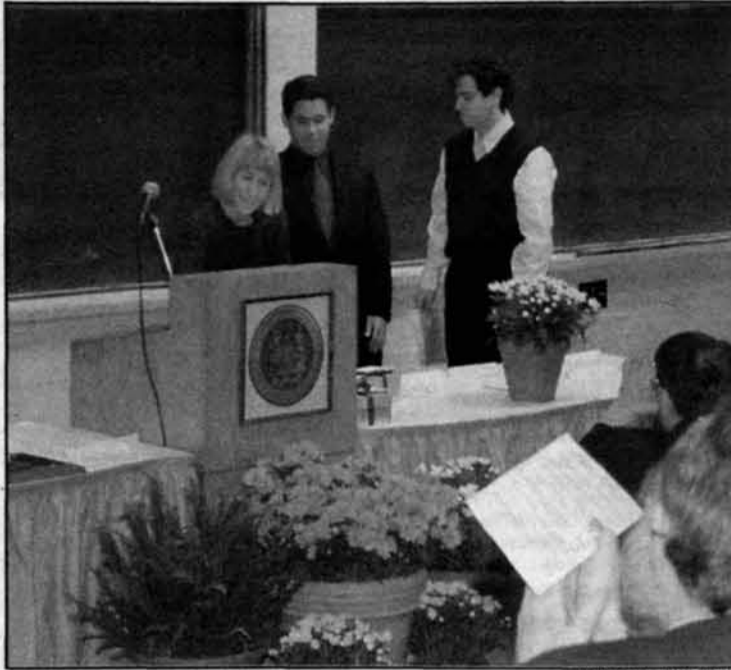
The **Malcolm G. Kispert Awards** honors male and female senior scholar-athletes of the year. The recipients were Robert B. Gray '98 and Nicole D. Gerrish '98.

The **James R. Killian, Jr. Community Service Award** honors the IFC member organization with the strongest community service program. It went to Phi Delta Theta.

The **Order of Omega New Member Education Award** also went to Phi Delta Theta for the best new member program in the IFC.

The **Reid Weedon '41 Alumni Relations Award** for the relations of an IFC member organization with its alumni went to Delta Upsilon.

The **Frederick Gardiner Fassett, Jr. Awards** honor male and female members of IFC member organizations for exceptional service in the spirit of the Greek



Jorge F. Rodriguez '98 and Iddo Gilon '98 receive the Karl Taylor Compton prize from Dean Rosalind H. Williams at the Awards Convocation held on May 18th in 10-250.

system. The recipients were Jamie Buller '99 and Norris Vivatrat '99.

The **Edward L. Horton Fellowship Award** for fostering fellowship in the graduate student community went to the Black Graduate Student Association.

The **Irwin Sizer Award for the Most Significant Improvement in MIT Education** honored the Beijing Project, organized by the Department of Architecture.

The **Frank E. Perkins Award** honors professors for their services as graduate student mentors and advisers. The recipients were Professor of Biology Frank Solomon and Lecturer in Civil and Environmental Engineering E. Eric Adams.

The **Graduate Student Council Teaching Awards** honor one professor from each school and possibly teaching assistants as well. They went to Professors Robert S. Gibbons, Kenneth A. Oye, Gregory W. Wornell, Meenu Tewari and Scott Virgil. Graduate students Suhas Tripathi G and Freddi-Jo Eisenberg G were also named as recipients.

The newly-resurrected **Everett Moore Baker Memorial Award for Excellence in Undergraduate Teaching** went to Assistant Professor of Biology Stephen P. Bell.

The **Bose Award for Excellence in Teaching**, which annually honors an engineering professor, went to Professor of Aeronautics and Astronautics John R. Hansman, Jr PhD '82.

The second year of the **Arthur C. Smith Award** for devotion to undergraduate student life saw Professor of Toxicology John M. Essigman PhD '76 honored.

The **Kristen E. Finnegan Prize** honors graduate students for service in improving undergraduate writing. It went to Cherie M. Abbanaat G and Rebecca M. Herzig G.

The **Albert G. Hill Prize** is an award which goes to minority juniors and seniors who have maintained high academic and community service standards. The prize went to Fabio Brunet '98 and Maisha K. Gray '99.

The **Laya W. Wiesner Award**

honors an undergraduate woman for contributions to MIT community life. This year, that woman was Michelle L. Evans '99.

The **Association of MIT Alumnae Award** is presented to outstanding female seniors female in academics and professional activities. It went to Lisa A. Poyneer '98 and Tiffany P. Cunningham '98.

The **Louis Sudler Prize in the Arts** honored Stephen G. Tistaert '98 for outstanding artistic proficiency as a graduating senior.

The **Laya and Jerome Wiesner Awards** went to Kevin A. Simmons '98 and Elaine Chew G for outstanding achievements in the creative or performing arts.

The **Harold and Arlene Schnitzer Prize in the Visual Arts** recognizes MIT students for creating an outstanding body of work in the visual arts. This year recipients were Eto S. Otigibe '99 and Kim Y. Eng '99.

The **Priscilla King Gray Award for Public Service** was awarded for the first time this year. It honors an undergraduate for devotion to public service and social change. The first recipient was Michael M. Bryzek '98.

The **Gordon Y. Billard Award** honors employees of MIT or people not associated with the Institute for services to MIT. The award went to Campus Police Sergeant Cheryl N. deJong-Vosmer and Ronald Parker.

The **James N. Murphy Award** goes to MIT employees who won places in the hearts of students. It went to Cathryn J. Baty and Jacinto Figueiredo.

The **Karl Taylor Compton Prizes** honor students or student groups for extended service to the MIT community, promoting service and high standards. The are the highest award given by MIT to students.

Geoffrey J. Coram G won one for his exceptional service to the GSC, including serving as its president. Iddo Gilon '98 and Jorge F. Rodriguez '98 shared one for their work as president and rush chair for the IFC. Jacob J. Seid G won the last prize, for his services in student activities, particularly the recent creation of the online Feedback Forum.

Graduates Celebrate During Senior Week

By Jean K. Lee

ASSOCIATE NEWS EDITOR

In their last few days before Commencement, many MIT graduates enjoyed the annual Senior Week, filled with events and activities for seniors and their guests.

A major Senior Week event was a barbeque and field day for about 150 people. Other main activities included a Harbor Cruise, a Boston Pops concert and a trip to Rhode Island for games and a clam bake, which had a turnout of about 200 people.

"The turnout has been really great for all of the events," said Senior Class President Salman Khan '98.

For families and friends arriving for commencement celebrations, there was also a Duck Tour of Boston, a pancake breakfast with President Charles M. Vest and a reception welcoming students to the Alumni Association.

A new event initiated this year was a volunteer project at the

Cambridge Community Center where a group of seniors spent an afternoon playing with children.

In addition to providing good times for the graduates, Senior Week is designed "to celebrate graduation and to help bring the class together," said Peter Muese, coordinator of reunions and class events of the alumni association.

While some of these events were planned and sponsored by the Senior Class Council, others were headed by the Senior Week Committee, which is separate from the council and entirely funded by the MIT Alumni Association.

"We had a committee of nine seniors who met starting in the fall to start planning events, survey the class, plan publicity" and work on other details, Muese said.

"The events turned out even better than we expected," he added, noting the large attendance at the Senior Week events this year.

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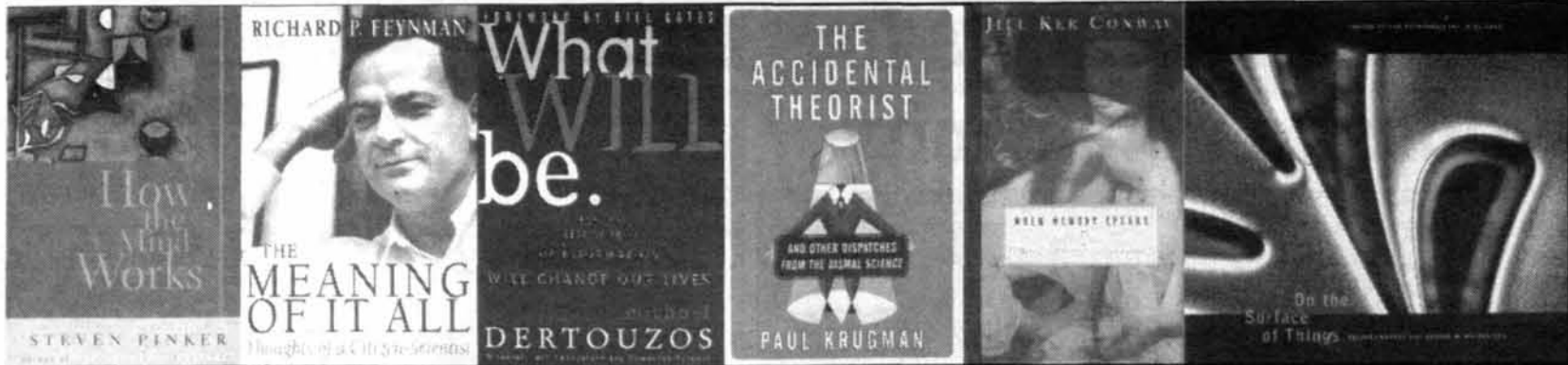
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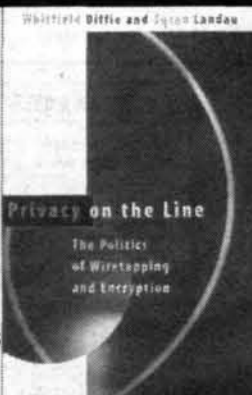
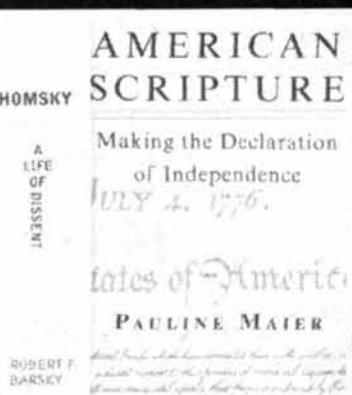
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National Revamps AEPi Chapter

By Frank Dabek
NEWS EDITOR

The MIT chapter of Alpha Phi Epsilon has recently undergone a reorganization under the direction of its national organization. As a result, several members of the sorority have deaffiliated themselves from AEPi and others have been given alumni status.

Bonnie Wunch, Executive Director of AEPi, said that the chapter is undergoing a reorganization because it "had not achieved the size [the national] had in mind." Wunch said the national "came to help [the chapter] move to the next step."

Deborah G. Carlton '99, president of AEPi, said that the reorganization was the result of "stagnant growth" in the chapter and that the goal of the process was to make the local chapter a "successful organization" and to form a "cohesive group."

Former member Sarah J. Dash '99 said that "AEPi National's decision to reorganize was premature and unfair." Dash felt that the national "completely neglected to acknowledge the fact that we had had a successful formal rush in 1997, and had become a strong chapter with a great deal of potential for further growth."

Neal H. Dorow, assistant dean for residence and campus activities, said that "when a national thinks a chapter is having difficulty sustaining itself... and its viability appears to be at risk very often they come in to assess what the problems" may be.

Dorow, who acts as advisor to fraternities, sororities, and independent living groups, said "very often they reorganize the chapter" as a result of assessing the mission of the group.

National organizations are given "a degree of sovereignty" over chapters as long as their actions do not conflict with MIT's policies on discrimination. Dorow said that such conflict "was not an issue in this case to my knowledge."

Process involves interviews

Wunch said that the reorganization process involves a "commitment interview" between each member and the national organization. She described these interviews "similar to going through the rush process again."

Members are either given bids to remain in the sorority or else reduced to alumni status. Wunch also said that the national sorority would be heavily involved in rush next year.

Dash said, however, that "[the national] had completely neglected to offer [the local chapter] significant additional support in previous years."

In addition, Dash said that she "found the idea of a 'commitment interview' very insulting, because each person in [the] chapter had invested a great deal of time and energy in the sorority."

Carlton said, however, that she was "very positive that we will have a successful rush in the fall."

Both Carlton and Wunch strongly denied that the reorganization of AEPi, a traditionally Jewish sorority, was done with regard to religious affiliation. Wunch said that AEPi "does not discriminate" when choosing members.

Carlton said that "[the reorganization was definitely not done along religious lines."

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New Chancellor to Report to Vest

Provost, from Page 1

now by Bacow, Brown said.

Provost to maintain stature

Besides granting new stature to student learning, the split also allows the Provost to focus upon maintaining the quality of faculty at the Institute by looking more closely at appointments and tenure proceedings, Williams said. "The



CHUN HUA ZHENG—THE TECH
Lawrence S. Bacow '72

excellence of the faculty is what attracts excellent students" to come to the Institute.

Moreover, the Provost will remain central to the administration since he controls the three central factors in the Institute: money, people, and space, Brown said.

The move increases the size of the upper administration that had shrunk with the death of Vice President for Administration James J. Culliton in 1997 and Vice President and Secretary of the Corporation Constantine B. Simonides '57 in 1994. Administrative positions were shuffled around, with neither position being filled in its initial form.

Moses' will not be the only senior administrator to depart the senior administration this summer. Senior Vice President William R. Dickson '56 will also be retiring. A search for a new position, executive vice president, which will supplant Dickson's duties in further consolidation, is underway.

Both have leadership history

Both Brown and Bacow have extensive histories within the administration and the faculty.

Brown joined the faculty in 1980 and is a Professor of Chemical Engineering. He was the head of the Department of Chemical Engineering from 1988 until January, 1996, when he was named Dean of Engineering. He also has been involved in the formation of

the Division for Bioengineering and Environmental Health, and has worked extensively on the development of the planned Stata complex



CHUN HUA ZHENG—THE TECH
Robert A. Brown

for Electrical Engineering and Computer Science, to be finished early in the next century.

Bacow joined the faculty in 1977 and has taught in the School of Humanities and Social Science, the School of Architecture and Planning, and the Sloan School of Management. He co-founded the Center for Real Estate, and served as its first director. From 1995 through 1997, he served as the chair of the faculty.

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Heightened Security To Welcome Clinton

Commencement, from Page 1

To accommodate this year's large group of spectators, the ceremony will be played live on a Jumbotron projection screen positioned on the right hand side of Killian Court.

Event requires high security

President Clinton's presence has resulted in an unprecedented level of security measures. Many MIT buildings and portions of surrounding roads, including Massachusetts Avenue and Memorial Drive, will be closed during periods of the day.

The MIT Campus Police have worked closely with the United States Secret Service to "make sure commencement flows well," said Chief of Police Anne P. Glavin. "When you're dealing with the president of the United States, who happens to be the most protected person in the world, ...the logistics are massive."

"[We] have hosted foreign presidents and Vice President Al Gore in the past. [Hosting President Clinton] is similar but times ten," Glavin said.

To accommodate the security screenings required by the U.S. Secret Service, Killian Court will open to guests of graduates at 6:30 a.m. All guests are expected to have completed their screenings by 9 a.m.

Because of the earlier arrival times compared with past years, 7,500 light snacks consisting of a bagel, fruit, and water will be served in Killian Court for guests of graduates, said Elizabeth Emery, Aramark dining manager. Graduates will receive continental breakfasts in Johnson Athletic Center after passing their security screenings.

Rain locations, customary for commencements, were abolished this year due to the security required for Clinton's visit. In the event of rain, ponchos will be distributed to the graduates and assembled guests.

Buildings 1 through 13 with the exceptions of Building 9 and Building 12 are all closed from 2 a.m. until 1 p.m. today due to security requirements associated with the president's visit. In addition, the handling of hazardous materials is prohibited in most areas of the main campus behind Killian Court.

Shortly prior to the commencement ceremony, Clinton is scheduled for a private meeting with 13 student leaders, including Khan, past Undergraduate Association President Dedric A. Carter '98, Interfraternity Council President Duane H. Dreger '99, Dormitory Council President Manju Madhavan '98, Graduate Student Council President Brian J. Schneider G, and others.

The program concludes shortly after the awarding of degrees by Vest and Provost Joel Moses PhD '67, who will return to teaching this summer. President Vest will hold a reception for all graduates and their guests in McDermott Court.

Live broadcasts of the commencement ceremony are available via the World Wide Web, over MIT cable, and via WMBR radio. WCVB-TV (Channel 5), New England Cable News, C-SPAN, and Media One's Cambridge Cable system will also provide live coverage of Clinton's speech. As of noon Thursday, over 120 members of the local press were scheduled to attend the event in addition to the White House press corps.

Douglas E. Heimbarger contributed to the reporting of this story.

Commencement Speakers Have Varied, Illustrious Backgrounds

By Jean K. Lee

ASSOCIATE NEWS EDITOR

The two speakers at the 120th commencement ceremonies of the Institute each have a plethora of accomplishments and achievements under their belt, yet they come from nearly entirely different backgrounds.

David D. Ho

A veteran of AIDS research, David D. Ho has recently been under the spotlight for developing a combination of drugs that attacks the virus which ultimately causes AIDS.

Ho is not a stranger to MIT. He attended MIT for a year as an undergraduate and took classes in the Harvard-MIT Division of Health Sciences and Technology program during his years at Harvard Medical School. After his freshman year at MIT in 1970 as a physics student, Ho transferred to the California Institute of Technology.

For more than a decade, Ho has worked on AIDS research. He was honored by Time Magazine as its 1996 Man of the Year for developing a strategy of attacking HIV in the early stages of infection. The treatment uses a variety of anti-viral drugs in combination with a special inhibitor of the HIV protease.

Currently the director of the Aaron Diamond AIDS Research Center in New York City, the world's largest independent AIDS research laboratory, and a professor at Rockefeller University, his research continues to focus on vaccine development.

Ho was born in Taiwan in 1952. His family moved to the United States when he was 12 years old. Not even knowing the Roman

alphabet when he first arrived in central Los Angeles, Ho overcame many obstacles in adapting to the American ways of life as well as succeeding academically that helped to lead his career path.

Although Ho had initially been intrigued by physics and mathematics, he became interested with the new biology of the 1970s and pursued AIDS research, especially after witnessing some of the earliest cases of AIDS while serving as chief medical resident at Cedars Sinai Hospital in Los Angeles.

William J. Clinton

William J. Clinton, the forty-second president of the United States has been intrigued by a political career for a long time.

Prior to his election to statewide office, Clinton had earned a BA in international affairs from Georgetown University, won a Rhodes scholarship to attend Oxford University, and graduated from Yale University Law School. In 1973, Clinton returned to Arkansas and taught briefly at the University of Arkansas Law School before embarking on a political career.

In 1976 Clinton was elected as Arkansas attorney general and went on to win the governorship in 1978, making him the nation's youngest governor at age 32. Although he lost his bid for re-election in 1980, Clinton regained governorship in 1982, a position he retained for five consecutive terms. In 1990, he became chairman of the Democratic Leadership Council and was rated the most effective governor in the country by his colleagues.

Clinton's presidential agenda focused on education, health care,

welfare reform, the economy and the environment. Clinton's efforts in foreign policy ever since his presidency began in 1993 include brokering peace in Bosnia and Somalia and overseeing peace negotiations between Israel, Palestinians and Arab states.

In 1994, he worked out an agreement with the Cuban government to allow more refugees into the country. Clinton also deployed US troops in Kuwait when Iraq appeared to threaten its neighbors protesting UN sanctions.

Clinton vetoed legislation to lift the Bosnian arms embargo in 1995 and actively worked toward an agreement among the warring parties. He also resolved a major conflict with North Korea by working out an agreement which offered North Korea assistance with its civilian nuclear program in return for relinquishing plutonium producing nuclear reactors.

In domestic affairs, Clinton has worked to revitalize the US economy and renew the American community. Under his massive deficit reduction plan and through increased public and private investment, he led a trade agreement with Mexico, aid to Russia, and tax cuts for small businesses to boost living standards and create jobs. He also worked to place many women and minorities in prominent government positions. Other initiatives included a new national health care plan and welfare reform as well as a reform of public education.

Clinton was born in Arkansas in 1946. As a delegate to Boys Nation while in high school, his encounter with President Kennedy at the White House ultimately inspired him to enter a public service career.



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Carl F. Floe

Carl F. Floe, who served the Institute for 34 years as a professor in the Department of Metallurgy and for ten years as MIT's vice president for research, died May 18 of a heart attack at his residence in Boston. Floe was 90 years old.

After he resigned his vice presidency in 1969, Floe returned to the classroom. He became a professor emeritus in 1973, and, after retiring from MIT, continued to consult for industry in the United States and overseas.

Floe hailed from the the Klondike Region of the Yukon Territory, Canada and received his ScD in Metallurgy from MIT in 1935. Floe also received a bachelor's degree and a master's degree from Washington State University, where he was a member of the faculty before coming to MIT.

Floe also taught at Notre Dame University for three years before he was named an assistant professor at MIT in 1939. He became an associate professor in 1942 and served as executive officer of the Department of Metallurgy from 1943 until 1950, the year he was appointed to a full professorship. He was named assistant provost in 1952, assistant chancellor in 1956 and vice president for research administration in 1959.

While a vice president, he oversaw the activities of the Lincoln and Draper Laboratories. He also represented MIT on the boards of the Brookhaven National Laboratories, the National Center for Atmospheric Research and the National Radio Astronomy Laboratory. He also chaired the Harvard-MIT Joint Center for Urban Studies and the MIT Committee on Copyrights and Patents.

During World War II, Floe was a consultant to the US Army Quartermaster Corps and several defense industries. He was a member of the American Academy of Arts and Sciences and several other professional organizations in the United States and Britain.

He was also a member of several honorary fraternities including Sigma Xi, Tau Beta Pi, Sigma Tau and Alpha Chi Sigma.

Floe is survived by his ex-wife, Beverly Brooks Floe; three children, Jonathan T. Floe of Somerville, Mrs. David Holdgate of Norwich, CT, and Charles P. Floe of London; ten grandchildren and three great-grandchildren.

Funeral services were private. In lieu of flowers, the family has requested that gifts be made to the MIT Department of Metallurgy and Materials Sciences.

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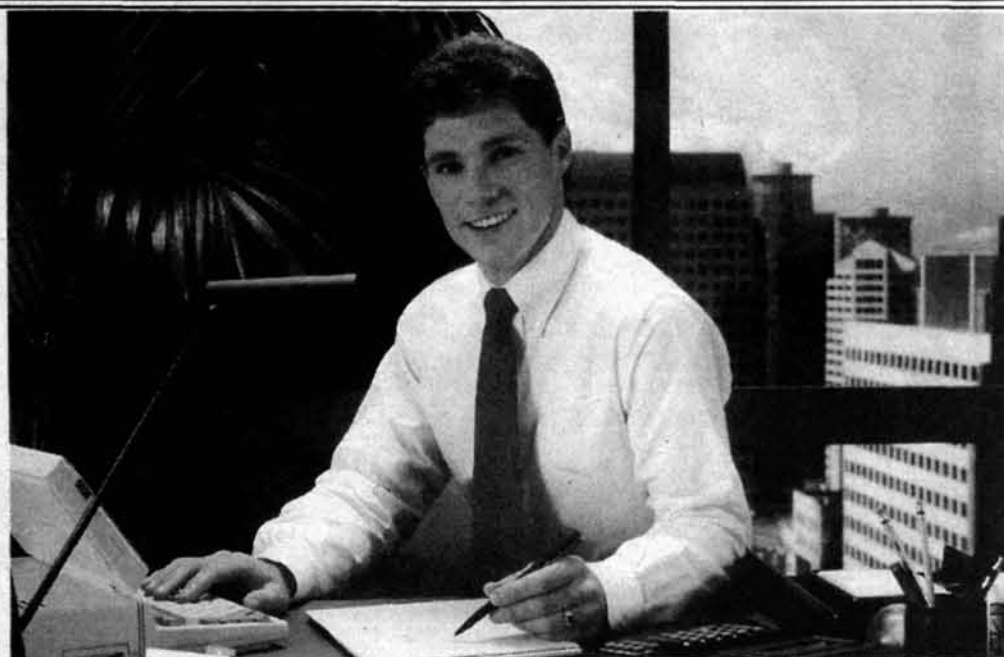


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SAE Regains Freshmen Approved Status in Appeal

SAE, from Page 1

violation. SAE was initially to remain completely alcohol free until October 13, 1998; even members of legal age are not allowed to bring alcohol onto the premises.

No members of the fraternity are to be present at the Residence Midway, a new event for Orientation that will feature all other FSILGs. Lastly, the Judicial Committee placed SAE on probation for the upcoming year and recommended that any further inappropriate behavior result in the suspension or expulsion of SAE from the IFC.

In a trial of an Official Body versus an FSILG, the Judicial Committee chair assigns an Investigator to the case. The Investigator's responsibility is to find witnesses and evidence that is pertinent to the case and write a summary of his or her findings to be submitted to the chief investigator, according to the Judicial Committee Bylaws.

Jamie Vinsant '99, the investigator for this case, refused to comment upon the investigation.

Sanctions revised upon appeal

SAE appealed the severity of the sanctions handed down by the Judicial Committee review board. SAE claimed that the fine and the loss of Institute approved housing constituted cruel and unusual punishment, Dorow said.

The appeal was seen by the IFC Executive Committee, chaired by IFC Vice President of Internal Affairs C. Bob Broderick '99 in the absence of IFC president Duane H. Dreger '99. The committee returned Institute approved housing status to the fraternity, as well as the ability to host freshmen overnight during

rush.

However, the committee added some additional sanctions. SAE must now remain alcohol free until June 11, 1999. Furthermore, SAE must hold two alcohol awareness events in the fall 1998 term. One of the events will be for members of the IFC and will deal with one of the topics in the IFC's Stars of Education program. The suggested format is "a social event in a dry setting," according to Dreger. The other event will be for the entire MIT community.

The other sanctions, including the probation, the ban on attendance at the Residence Midway, and the fine were upheld upon appeal.

"If [SAE] fails to comply with any of the sanctions it will be in contempt of the Review Board and that falls under cause for suspension or expulsion" from the Interfraternity Council, Dreger said.

Dean's Office also involved

The Dean's Office has taken action on the incident, but the issue is "still under consideration," said Dean for Student Life Margaret R. Bates. The office is working with the findings of the IFC investigator.

Members of the Dean's Office met with the president of the local SAE chapter and a member of the chapter's alumni corporation. "The alumni are very much involved," Williams said.

"SAE is under suspension while the whole process takes place. We will have a meeting at the end of June to hear their proposal for why they should be allowed to house freshmen," said Bates.

"We don't want to approve them unless they provide a law-abiding environment... they must reassure us that they will provide that environment for their freshmen,"

Williams said.

Although the IFC originally revoked SAE's approved housing status, Bates said that "technically it's the Institute that approves housing." Revoking approved housing status is not the only disciplinary option. "There are a broad range of possible outcomes; it depends on what we find."

The full range of sanctions associated with losing Institute approved housing status are not clear, Williams said. Currently, FSILGs automatically receive Institute approved housing status, however this policy may change in the future.

Institute approved housing status grants the ability to house freshmen in a residence, as well as other privileges.

Concerned bodies not informed

Neither the national Sigma Alpha Epsilon fraternity nor the Boston Licensing Board were informed of the incident. "We have not yet been called by the university or the chapter itself," said Benjamin Lewis, press secretary for the SAE national fraternity, when contacted by *The Tech*. "We're not happy about finding out this way," he added.

Dorow questioned the accuracy of Lewis' statement. "That's not entirely accurate. I requested that they be sent a letter," he said.

It is the responsibility of SAE to inform its national of such incidents, Williams said.

In a statement released on Tuesday, the SAE national said "we will not tolerate the distribution of alcohol to minors by any chapter of our fraternity. We fully support the university's sanctions against the chapter and we will do everything we can to ensure that these alcohol violations do not happen again."

Exactly which actions will be taken have not yet been decided but the MIT chapter will receive visits from SAE's educational leadership consultants, Lewis said.

"[A consultant] will probably make a couple of visits in the fall," Lewis added. Regarding the IFC sanction requiring that SAE remain alcohol free until June 1999, Lewis said "that's something we would have done ourselves."

"This is completely wrong. It's against all our policies. We want our guys to understand that this will never be tolerated again. After what happened in the fall at MIT the last thing we need is them not complying with MIT's alcohol policy," Lewis said.

"We want to squash this feeling of alcohol policy rebellion," he added.

Boston officials not informed

MIT has not informed the Boston Licensing Board of the incident. There is a line between letting the board know about something significant and letting them know every internal event, Bates said.

Compared with other alcohol-related events that have been reported, "this is a very different set of circumstances," she added.

Boston Licensing Board Chairperson Ellen E. Rooney could not comment directly on this case as she had not researched it but "we would be expecting that they would report it to the police," she said.

The policy of the Boston Licensing Board is to investigate all reports filed by the Boston Police Department involving alcohol at licensed facilities such as fraternities.

"We're not planning to decide whether to contact [the licensing board] until the investigation is con-

cluded, perhaps not even then," Bates said. The Deans' Office had not immediately contacted the licensing board because "there's nothing directly affecting the license."

If the board were to be informed, it would be through MIT's Office of Government Relations.

The student will not be disciplined by anyone at MIT. "That would not have been appropriate," said Bates. It is unknown whether the student choose to matriculate as a member of the Class of 2002.

Douglas E. Heimbarger contributed to the reporting of this story.



INDRANATH NEOGY—THE TECH
Sigma Alpha Epsilon, at 484 Beacon Street, was suspended for serving alcohol to a prospective student.

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Felix Ho

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ATKEARNEY

POLICE LOG

The following events were reported to the Campus Police between May 7 and May 21. Information is compiled from the Campus Police's weekly crime summary and from dispatcher logs.

This report does not include alarms, general service calls, or incidents not reported to the dispatcher. "Medical services" includes medical shuttles, transports, escorts, and other emergency services.

May 7: Bldg. E17, radio cassette player stolen, \$100; Burton, garbage disposal stolen, \$260; East Campus, attempt to locate student; McCormick, annoying e-mail; Bldg. E17, threats; Bldg E51, bike stolen; Medical Service Calls: 3.

May 8: Magazine Street, Safe Ride driver found missing Cambridge child; Bldg. NW62, suspicious activity; Bldg. 10, wallet stolen, \$100; Bldg. E19, two wheeler stolen, \$100; Ford Lot, minor motor vehicle accident; Kresge lot, vehicle window broken. Medical Service Calls: 4.

May 9: East Campus, complaint of loud music, no alcohol, problem resolved; Ashdown House, check on student, advised to call home; Bldg. 8, suspicious activity; Massachusetts Avenue by Bldg. 9, assist Cambridge Police, with a motor vehicle accident; Massachusetts Avenue and Memorial Drive, Assist State Police, with a minor motor vehicle accident. Medical Service Calls: 1.

May 10: Westgate lot, hit and run vehicle damage; Main Street and Ames Street, motor vehicle accident involving a MIT Police cruiser; duPont Weight Room broken into; Senior House, noise complaint, no alcohol, problem resolved; McCormick, laundry stolen. Medical Service Calls: 2.

May 11: East Campus, noise complaint, unable to locate problem; Bldg. NE25, annoying e-mail; Bldg. E34, suspicious person; Bldg. E15, computers stolen, \$6,200. Medical Service Calls: 4.

May 12: Pacific Street Lot, vehicle broken into and tools stolen; Bldg N52, speakers stolen, \$100; Bldg. 11 Athena Cluster, ID card stolen; Bldg. 7, suspicious person, same identified and issued a trespass warning; Ford Lot, suspicious vehicle; MacGregor, annoying phone calls; Walker, briefcase stolen and personal organizer stolen, \$200, briefcase later recovered. Medical Service Calls: 2.

May 13: West Parking lot, vandalism to vehicle; Bldgs. 26, 13, 36 and 24, malicious damage to rest room signs; 33 Massachusetts Avenue bike rack, bike secured with a cable stolen, \$300; Bldg. 2, malicious damage to chalk boards. Medical Service Calls: 6.

May 14: East Campus, computer thrown from roof; Bldg. 3, suspicious person; Baker, pocketbook containing cash stolen, \$150; Bldg. E18, annoying phone calls; Bldg. 12, attempted break into area; Bldg. 39, report of vehicles operating at a high rate of speed; Massachusetts Avenue, report of MIT ID stolen from vehicle; Bldg. 20 and E15, suspicious activity; WILG, two reports of loud party, no alcohol, situation resolved. Medical Service Calls: 5.

May 15: duPont Gym, assault and battery between two basketball players; Herman garage, bike stolen, \$1,000; Memorial Drive and Audrey Street assist State Police, minor motor vehicle accident; Bldg. W34, damage to a door; Walker, report of person stealing a bike, unable to locate; Dewey Library, wallet stolen, \$50. Medical Service Calls: 1.

May 16: Burton cash stolen, \$60; MacGregor, notify student to call home; Bldg. 2 suspicious area; Baker, problem between two roommates; FSILG, sexual assault. Medical Service Calls: 4.

May 17: Kresge, 1) malicious damage; 2) twelve wallets containing cash stolen, \$282; Bldg. 10, smoldering papers, same extinguished. Medical Service Calls: 0.

May 18: Tang Hall, computer stolen, \$3,700; Bldg. N51, unauthorized use of a computer; Bldg. E15, VCR stolen, \$500; Student Center, Kamar Cummings and Jarrett Sparks, of unknown addresses, both given trespass warnings. Medical Service Calls: 4.

May 19: Phi Kappa Theta, noise complaint, no alcohol, situation resolved; Student Center, cell phone stolen \$250; Bldg. 4, suspicious activity; Ashdown, suspicious activity. Medical Service Calls: 4.

May 20: Student Center, brass rat stolen, unknown value; Bldg. 6, suspicious activity; MacGregor, notify student to call home; Bldg. 7, suspicious activity; Bldg. E51 bike secured with a U lock stolen, \$650; Bldg. E17, Zip Drive stolen, \$100. Medical Service Calls: 5.

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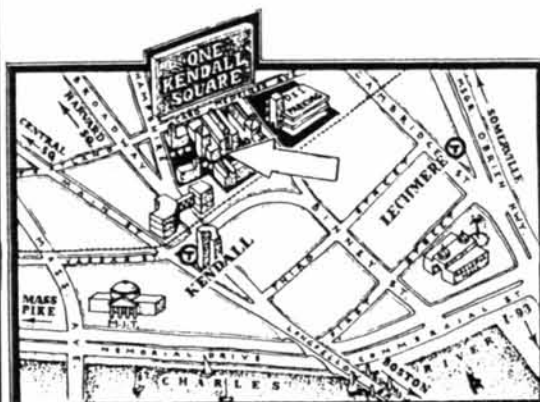
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SPORTS

Women's Ultimate Team Finishes Ninth at Nationals

By Olivera E. Kesler
TEAM MEMBER

The women's ultimate team finished a solid 24-10 spring season with a ninth place overall finish in their first ever appearance at the National College Ultimate Championships at the National Sports Center in Blaine, Minnesota last weekend.

The team, in only its third year of existence, qualified for nationals by finishing in third place at the Northeast Regional Championships on May 2 and 3. The top 12 women's and men's college teams from around the country qualify to play in the National Championship tournament.

The team played very well, and compiled a 2-3 record for the weekend, including a win over one of the teams that made it to the semi-finals of the tournament.

The tournament format consisted of two pools, each with six teams. Each team played five games Friday and Saturday, one each with each other team in the same pool. The top two teams in each pool advanced to the semi-finals and finals on Sunday morning. MIT was seeded fifth out of the six in their pool.

MIT's first game in pool play was with second seeded Yale University, who had defeated MIT 15-5 in the semi-finals at regionals four weeks ago.

MIT came out very flat, and quickly got themselves into a 0-5 hole. At that point, they started to get back into the game, and threw a lot of solid clam and 1-3-3 zone on defense to take 14 of the next 20 points, to win the capped game 14-11 in the end.

MIT's lifetime record against northeastern powerhouse Yale had

previously been 0-3, and MIT had never scored more than 7 points in a game against Yale.

MIT was inspired by coach James Sarvis' G show of solidarity in helping the team strike a symbolic blow against patriarchy by wearing a dress while coaching MIT at the tournament.

MIT's second game was against fourth-seeded Indiana. The teams started the game by trading downwind goals.

While working the disc successfully through Indiana's zone defense, one of MIT's poppers, Jessica Young G, was knocked over from behind by one of the Indiana players and had to sit out with a facial injury.

Indiana took the next four points, to take a 5-1 lead. MIT again tried to claw their way back into the game, but most of the remaining goals of the game were scored downwind by Indiana.

MIT was unable to convert enough of their upwind opportunities, and the closely contested game finished with a final score of 15-11 in favor of Indiana.

The third game was on Saturday morning against sixth-seeded Rice. The start of the game was delayed by 90 minutes because of lightning.

MIT played mostly zone defense, and scored all of the upwind goals in that game, for a final score of 13-4. Unfortunately, MIT experienced several injuries during the game to add to those from the previous day.

The fourth game was a hard-fought game to go to the semi-finals versus the third seed University of North Carolina at Wilmington. Both teams needed to win the game to advance to the semi-finals.

Once again, MIT came out to an

early deficit as they were caught off-guard by UNC-Wilmington's frequent fouls and didn't call enough of them. After going down to a 1-4 deficit, MIT got back into the game and tied it up at 4-4. UNC then took the half 7-5, and a series of tactical errors combined with fatigue took MIT out of the game.

UNC-Wilmington won the capped game 11-5, ending MIT's bid for the semi-finals. UNC then lost to Yale in the next round, so Yale advanced to the semi-finals with a 3-2 record; their only 2 losses coming from Stanford and MIT.

MIT's final game was against first seeded Stanford, who was 35-0 for the spring season at that point. MIT fought fairly hard and made Stanford work for every point, but Stanford took an early 4-1 lead.

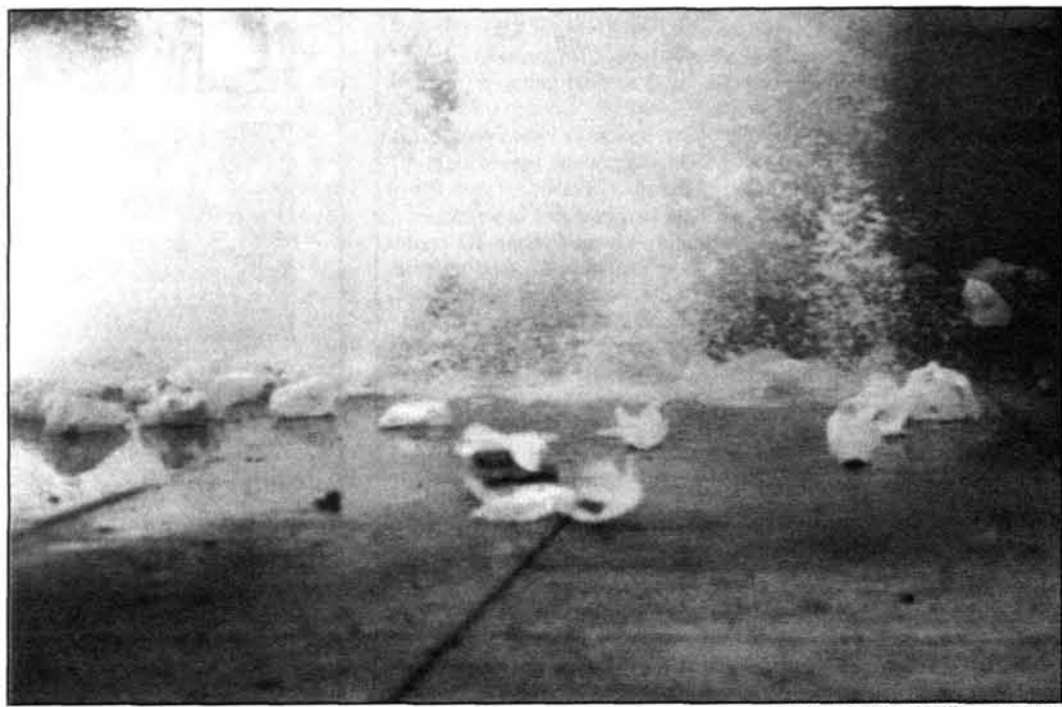
MIT scored several points on full-field throws, and even managed to score one of their points using a new type of offense learned from the Swedish National Team.

They even managed to work the disc all the way to the upwind goal line against Stanford on several occasions, but in the end MIT scored only four downwind goals,

and Stanford took the game 13-4.

The Stanford team went on to win the National College Championships, and they have now won 60 games in a row over the past two years.

Overall, the weekend was very successful, and all of the team members had a lot of fun, played very solid ultimate, and showed the other teams that MIT can perform well among the best college ultimate teams in the nation, despite the relative inexperience of the team. Next year, the team will be looking to return to nationals and to perform even better there.



WAN YUSOF WAN MORSHIDI—THE TECH

A waterbed explodes in the Senior House courtyard during the dorm's annual water drop on May 14.

Congratulations

The Tech congratulates these graduating staffers.

Thanks for all your help, and good luck with your future endeavors.

Ricardo Ambrose

Hugo M. Ayala

Stacey E. Blau

Saul Blumenthal

Christine Chan

Adriane Chapman

Shang-Lin Chuang

Dan Dunn

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